

World's **1st**
CaliberLIMS COMPATIBLE
GLASS



QR-LabGlass™



Go to Website



Laboratory Glassware,
Instruments & Accessories

PRICELIST
2022-23

Paperless Laboratories™

Applicable from 1st July 2022

From the MD's Desk

Mr. Sameer Jain
(Managing Director)



We are delighted to introduce the 2022-23 edition of the Glassco catalogue.

Glassco is a producer of high-quality Lab Glassware and Instruments for more than 50 years and exporting to 80 countries. We export a wide range of standard glassware, according to DIN, JIS, ISO, and Astm standards from one production facility with more than 1000 employees.

Recently, we started manufacturing **Disposable Glassware like Test Tubes, Pasteur Pipettes, Culture Tubes, and Chromatography Vials**, having a capacity of producing more than one million pieces a day.

For our scientific benchtop instruments which are sold under the **DAN LOGITECH** brand we have added new instruments and also come up with the new designs for our existing model.

(Check for this in our instrument section)

We are proud to assert that Glassco is the first company to enable QR Code on the lab glass, which helps the users access all relevant information about the product within a fraction of seconds by simply scanning the code through their smartphones. Offering a QR Code on our volumetric flasks adds up to our innovation portfolio. This enables our customers to download individual certificates for our products. QR code is also available in this catalogue, which, when scanned, leads you to the website for any additional information on the products or quick buys.

Glassco has signed an agreement with Caliber Software Company having more than 250 installations in Pharma Companies. Their software is compatible with our QR coded Volumetric Glassware. Offering a QR Code on our Volumetric Flasks amplifies our portfolio and enables the customers to download individual certificates for our products.

A good alliance with our customers helps us understand their product-related needs and provide the best solution in the shortest period. If you have any specific market requirements for the product, we would be happy to make that for you as per your design and application. You can also visit our website, **www.glasscolabs.com**, or contact us at **info@glasscolabs.com**.

Semi Automatic Production Plant

Glassco
Product
Portfolio

GLASSCO LABORATORY EQUIPMENTS

Glassco is the most prominent Indian exporter of scientific labware, shipping more than 600 containers of glassware annually. These are manufactured under **ISO / ASTM / DIN / USP & NABL** Standards. Along with glassware, we provide an allied line of products and accessories used in laboratory applications such as **Plasticware, Rubberware, Metalware, Liquid Handling Instruments, and Lab Instruments.**



Interchange Glassware



Volumetric Glassware



Filtration Glassware



General Glassware

ALLIED PRODUCTS & ACCESSORIES



Plastic Ware



Metal Ware



Rubber Ware



Misc.



Instruments



Micropipette

Disposable Glassware Plant



GLASSCO LABORATORY EQUIPMENTS PLANT

Glassco employs more than 85 glassblowers working on Automatic & Semi Automatic machines, making a variety of products. We have a complete line of production for Beakers, Flasks, Joints and Flanges. More than 28 glassblowers are involved in making high precision glass like, Condensers, Adapters and Assemblies of various kind. Recently Glassco has started a disposable glassware plant with capacity of making 1 million pcs/day, which includes **Test tube, Vials, & Pasteur Pipettes.**

Automatic Production

Glassco updates machines to the latest technology available and also does in-house innovations. Since 2006, there has been a continuous addition of new automatic machines, making the product's quality even better and increased production capacity.



AUTOMATIC CYLINDER
FORMING MACHINE :
800 pcs per shift



AUTOMATIC JOINT
FORMING MACHINE :
2000 pcs per shift



AUTOMATIC FLASK
FORMING MACHINE :
800 pcs per shift



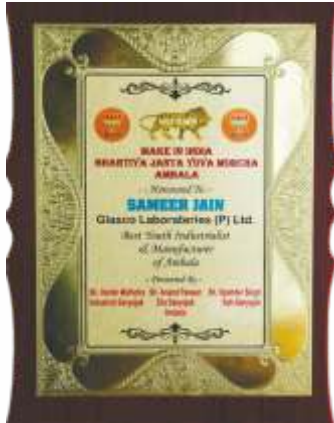
TEST TUBE MACHINE :
40000 pcs per shift



BEAKER MACHINE :
6000 pcs per shift

Awards

Awarded under
“MAKE IN INDIA”
 programme (2011)



Awarded best Exporters
 of India by “CAPEXIL”
 (Govt of India)



**FINALIST IN THE
 INNOVATION GALLERY**



2018



2005



2007



2012



2013



2020

Production & Process

Fabrication

RAW MATERIAL

- Tubing of ASTM E- 438 TYPE I, CLASS A BORO 3.3 GLASS.
- We import 450 MT of glass tubes annually.
- We have a minimum stock of 4 months at any point in time, which is more than 80 tonnes of glass tubing.



Raw Material



Raw Material Tubing

COMPUTERISED GLASS FORMING MACHINE

- Computer-controlled joint making machines gives added leverage for precise sockets, cones, rims, and flanges.
- Automatic joint making machines ensures consistent quality of joints. All the products are placed under conveyor ovens for annealing / de-stressing that runs round the clock.



CNC MACHINE : For special custom made products.



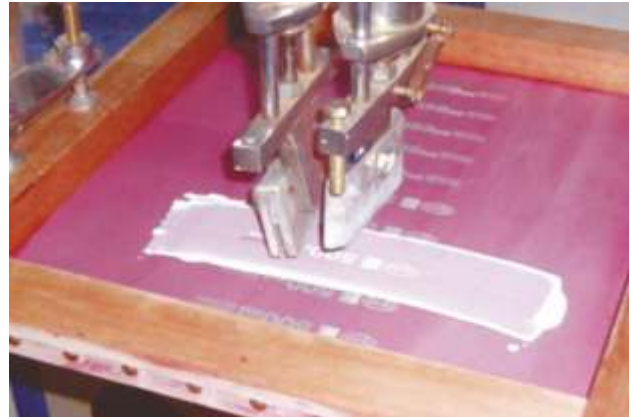
ANNEALING LEHRS

Production & Process

Infrastructure

PRINTING MACHINE

- Helps print in bulk without compromising on the quality



ULTRASONIC WASHING MACHINE

- Glassco uses state-of-the-art ultrasonic washing machine after the grinding process which is developed and designed in-house to wash up to 5,000 pieces in 8 hours.
- For running the complete manufacturing facility, a custom-made software is used.



Grinding Machine



Hand Polishing being done



Washing Machine

WAREHOUSE

- Our 8000m² warehouse facility enables us to deliver quality products in the shortest amount of lead time.
- We have an approximate 10000 pallet position in our warehouse.

FINISHED GOODS AREA



Production & Process

Calibration Lab

CALIBRATION LABORATORY

- We house the German calibration machines enabling 0.003% accuracy and an A-class tolerance.
- Our automatic quality control verifies Burettes, Pipettes & Flasks.
- Each & Every glassware has its calibration certificate.



QUALITY CONTROL
CENTRE MACHINE



LARGE VOLUME CALIBRATION
LAB MACHINE



SMALL VOLUMETRIC
CALIBRATION LAB MACHINE



PIPETTE
CALIBRATION MACHINE

Glassco has undertaken accreditation for its system for calibration and testing as per **ISO 17025:2017**.

Our calibration lab is **NABL** approved. **NABL** has an MRA under the Asia Pacific Laboratory Accreditation Cooperation (**APLAC**), and the International Laboratory Accreditation Cooperation (**ILAC**), which means the calibrated glassware is acceptable in laboratories worldwide.

Results of calibration are guaranteed for precision as per **DIN, ISO, USP & ASTM** standards.

The calibrations performed by **Glassco** are done under **ISO 17025:2017**.

Please visit our website **www.glasscolabs.com** to see our accreditation



Certificates

Quality Policy

QUALITY POLICY

Glassco strives to produce and supply laboratory products at affordable prices that meet or exceed customer's expectations, with timely deliveries. We achieve this by obtaining customer feedbacks of our performance and making relevant changes in our management system for continual improvement.

QUALITY MANAGEMENT SYSTEM

Glassco strives to produce and supply laboratory products at affordable prices that meet or exceed customer's expectations with timely deliveries.

We achieve this by obtaining customer feedback on our performance and making relevant changes in our management system for continual improvement.

Glassco believes in delivering world-class quality to all its clients globally and is recognized in the International market for a quality brand.

The Quality Management system at Glassco is ISO 9001:2015 certified by Intertek accredited to UKAS. Glassco maintains a Quality System manual for all its business processes and at all manufacturing and post-manufacturing levels. The quality system strictly adheres to people supervising work affecting quality at Glassco, are trained internal auditors, and carry out internal audits in routine practice.

**CERTIFICATE
OF REGISTRATION**

This is to certify that the management system of:

Glassco Laboratory Equipments Pvt. Ltd.

Main Site: Manglai, P.O. Khudda Kalan, Ambala Cantt - 133004, Haryana, India

has been registered by Intertek as conforming to the requirements of:

ISO 45001:2018

Certified to OHSAS 18001:2007 from 23 October 2015 to 13 October 2021.

The management system is applicable to:

Manufacture of Glassware for use in General & Pharmaceutical Laboratories.

Certificate Number: 8101
Initial Certification Date: 23 October 2015
Date of Certification Decision: 13 October 2021
Issuing Date: 25 November 2021
Valid Until: 22 October 2024



Calin Moldovean
President, Business Assurance

Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



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Main Site: Manglai, P.O. Khudda Kalan, Ambala Cantt - 133004, Haryana, India

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacture of Glassware for use in General & Pharmaceutical Laboratories.

Certificate Number: IPK-0039.06
Initial Certification Date: 30 June 2017
Date of Certification Decision: 24 February 2020
Issuing Date: 25 February 2020
Valid Until: 24 April 2023



Calin Moldovean
President, Business Assurance

Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



Tests & Checks

7Steps to Quality

For GLASSCO, Quality is the foundation in all the production

1. Quality plan for communication with customers
2. Quality in translating customers requirements (to our objectives) Products
3. Quality of raw material, including accuracy of semi finished and in process material
4. Quality in plant setup, including, trained manpower, machinery updates & technology
5. Quality in calibration of volumetric glassware
6. Quality in customer services
7. Analysis of all processes, both quantifiable and quality.

Tests & Checks

Glassco carries out measurement check with gauges and calipers for all the products produced in house



Glass stress-free

Glassco has five conveyer ANNEALING LEHRS where all the products are annealed to remove manufacturing stress from glass to ensure product durability and strength. We have four stress viewers installed at different locations of the processing.



Wall strength/thickness

Glassco uses two thickness testers for testing thickness of glass products to ensure thickness acceptable by the norms of ASTM/DIN/ISO standards which ensures products used are safe & durable.



About us

Quality

Optical Clarity

Glassco verifies the optical clarity of all the products 100% . This is done twice first when the product is produced and second before the product is packed to ship.



Fit testing for joints

The taper of the cones and sockets are verified by gauges and taper test tools before further processing, to check that the joints are secured of leaks.



Vacuum testing of mating joints

Mating joints are tested under a vacuum to verify that the taper are even and no leaks exist.



Print color adhesion test

Printing on the glass is tested for colour adhesion by subjecting them to acid boiling, scratch and tape peel off test.



Glassco's Mission

Glassco strives to be recognized as one of the most innovative company in the field of Laboratory Glassware & Instruments for its excellent quality & innovative designs that have become industry standard. We want to constantly adapt & develop new technologies to set us apart from our competitors.

Glassco's Vision

To be the first choice of its customers & users. Maintain & provide excellent Quality, Value & Convenience. We aspire to keep exploring our opportunities by introducing new products to our portfolio with a vision to become a '**One Stop Shop**' for our customers.

Volumetric Glassware

All volumetric glassware requires high precision and accuracy and to achieve that controlled conditions for calibrating volumetric glassware go through automatic calibration machines which is the German state of the art technology imported from Germany.

Glassco's Calibration Laboratory has undertaken accreditation for its system for calibration and testing as per **ISO 17025:2005**.

Glassco's Calibration Laboratory is **NABL** approved. **NABL** has a MRA under the Asia Pacific Laboratory Accreditation Cooperation (**APLAC**) and the International Laboratory Accreditation Cooperation (**ILAC**), which means the calibration provided to customers for volumetric ware is acceptable in calibration laboratories worldwide.

The calibrations performed by **Glassco** calibration laboratory are essential done under **ISO 17025:2005**

NABL Certificate

		National Accreditation Board for Testing and Calibration Laboratories
CERTIFICATE OF ACCREDITATION		
CALIBRATION LABORATORY, GLASSCO LABORATORY EQUIPMENTS PVT. LTD.		
has been assessed and accredited in accordance with the standard		
ISO/IEC 17025:2017		
"General Requirements for the Competence of Testing & Calibration Laboratories"		
for its facilities at		
MANGLAI, P.O. KHUDDA KALAN, AMBALA CANTT, AMBALA, HARYANA, INDIA		
in the field of		
CALIBRATION		
Certificate Number:	CC-2521	
Issue Date:	01/03/2020	Valid Until: 28/02/2022
This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)		
Signed for and on behalf of NABL		
	 N. Venkateswaran Chief Executive Officer	

Volumetric Glassware

Types Of Calibration & Usage

Burettes and pipettes are calibrated to deliver (TD, EX) which means the delivered quantity of the liquid corresponds to the capacity indicated on the instrument.

- Fill the burette a little higher than zero marked at the top.
- Check for trapped air bubbles, tap the burettes lightly to remove these; drain the solution carefully to level zero.
- Fill more solution if the meniscus gone below the zero.
- Wipe off the drops at the tip of the burette.
- Open the stopcock very slowly and start titration.
- Do not touch the tip the container wall you are use.

When the color begins to change, stop titration and wait for 30 seconds as the waiting time of Class "AS" burettes.

Pipettes

- Fill the liquid little above the volume mark.
- Wipe off the tip and wet area.
- Hold the pipette at the level and place the tip of the pipette to the wall of a vessel with a slight angle between contact point
- Drain the excess volume until meniscus reaches the calibration mark on the pipette. To use the pipette volume, place the tip to the wall of the vessel with a slight angle. Pay attention to clear the pipette completely. When the level of the liquid reaches the tip of the pipette, you have to wait a little as the waiting time (if the pipette is Class "AS") for say 5 seconds. When the waiting time is over, wipe of f the pipette tip by pulling it upwards along the wall of the vessel. If there is still any residual liquid lef t in the tip, leave it as it is.

Flasks and cylinders is calibrated to contain TC, IN which means the contained quantity of the liquid corresponds to the capacity indicated on the instrument.

Volumetric Flasks

These are calibrated "to contain". These are very precisely calibrated. Fill the volumetric flask with distilled water with a funnel to ensure that water is discharged below the meniscus line. Fill more distilled water until it reaches a bit below of the calibration ring mark. Add some more water in small volumes so that the meniscus will be exactly at the same level of the ring mark. To make accurate standard solution put precise weight of the substance in the flask. Shake the flask with stopper on.

Measuring Cylinders

These are calibrated "to contain" and graduated to show different levels. Cylinders are mainly used for the exact measurement of liquids. First fill the liquid carefully, so that meniscus level will reach the desired volume mark. Add the precise weight of the substance and dissolve the substance by shaking the measuring cylinder. In ASTM standards cylinders are now calibrated "to deliver" (TD), also which has been recently introduced in cylinder section. Results of calibration are guaranteed for precision as per DIN, ISO, USP, & ASTM standards.

Volumetric Glassware with certificate DE-M 18

Glassco's Volumetric Glassware now comes with new DE-M sign of the specific Year. Glassco's Glassware is conformity certified which confirms that all Class A Glassware are manufactured according to "EICH OR DNUNG" THE GERMAN FEDERAL WEIGHTS & MEASURES REGULATIONS. This sign of conformity is printed directly on the product according to DIN 12600

Types of Certificate

BATCH CERTIFICATE

Volumetric flasks come with a batch certificate in which mean value, standard deviation is incorporated along with batch number like which signifies the month 01 and 10 is the years **01.10**. This comes in a pack of 2 and comes along with the flask in the box you can also download it from www.glasscolabs.com and by scanning the QR Code from the label of the box or from the volumetric flask.

QR CODES !

Now On All
Glassco Ware Cartons &
QR-Coded Volumetric Flasks



Use your **Smartphone**
with recommended App
(Page XIV) to scan the
QR Code on the
box labels ...



Select 1



User Manual

Select 2



Certificate of Conformity

Select 3



Certificate of Calibration

www.glasscolabs.com			ISO 9001:2015
VOLUMETRIC FLASK CLASS A			
CATALOGUE NO	130.234.01	BATCH TEST CERTIFICATE Batch tested in ISO 17025:2005 certified laboratory	
NOMINAL VOLUME	5.00 ml		
TOLERANCE	±0.040 ml		
COMPLIANCE	ISO1042:1998		
BATCH NO	04.18		
MEAN VOLUME			
CONTAINED	5.005 ml		
STANDARD DEVIATION	0.007 ml		
TESTING DEVICE NAME	SARTORIUS		
BALANCE	ABAL-04,420g/0.001g		
WEIGHTS	5g		
THERMOMETER	DM-29-50 to300		
OPERATOR	DEG C10.1DEG C		
DATE OF ISSUE	SUKHBIR		
	06.04.18		

INDIVIDUAL CERTIFICATE

These flasks come with a certificate on which individual serial number, mean value, standard deviation and measured uncertainty is given along with the batch number and serial number like 01.10 (Month and year of manufacturing) **01.10/505** 505 (serial number). This comes in a pack of one and each flask is having a certificate with it in the box you can also download it from www.glasscolabs.com and by scanning the QR Code from the label of the box or from the volumetric flask.

For Ordering QR Coded printed flask please look at volumetric flask section from page no. 134 to 150



USP Glassware

All the volumetric glassware or measuring instruments to be used in laboratories which are under surveillance of US authorities such as Food and Drug Administration (FDA), have a mandatory requirement to use products which adhere to standards set by US PHARMACOPEIA. The USP standard has some deviation from DIN, ISO standards. The products that fall under this category are

- Measuring Pipettes • Measuring Cylinder
- Volumetric Pipettes • Volumetric Flasks

All the products mentioned above have tighter tolerances compared to ISO standards.

Volumetric Glassware with certificate DE-M 18

Usp Individual Certificate

GLASSCO has recently launched its **USP** grade (**UNITED STATES PHARMACOPIA**) standard flasks with also comes with a certificate on which individual serial number, mean value, standard deviation and measured uncertainty is given along with the batch number and serial number like 01.10 (Month and year of manufacturing) 605 (serial number). This comes in a pack of one and comes along with the flask in the box you can also download it from www.glasscolabs.com and by scanning the QR Code from the label of the box.

NABL Calibration Certificate

This certificate is issued by NABL calibration Laboratory at Glassco NABL by virtue of its collaboration with (APLAC) Asia Pacific Laboratory Accrediting Cooperation & (ILAC) International Laboratory Accreditation. NABL Calibration Certificate is internationally recognized.

Both the instrument & Certificate shows the individual serial number & the Certificate no.

NABL
CC-2521
505
01.10



Glassco Laboratory Equipments Pvt. Ltd

CALIBRATION CERTIFICATE
(Glassco Calibration Laboratory)
(ISO 17025:2017 Certified Laboratory)
(USP-STANDARD)

CERTIFICATE NO	GLASSCO/21/03-245/7130		
CRF	2450032021	CAL REPORT NO.	21/03-245
CUSTOMER	LCP-5964		
TEST METHOD	GRAVIMETRIC METHOD		
ITEM CALIBRATED	VOLUMETRIC FLASK : 200 ml		
CATALOGUE NUMBER	QR.130.523.06		
BATCH NO. & SERIAL NO.	01.21/7130		
ITEM CALIBRATED ON	10/03/2021		

CALIBRATION RESULT :
The product was found to contain the following volume at 20°C

VOLUME CONTAINED	200.063 ml
TOLERANCE	±0.100 ml
CORRECTION	-0.063 ml

Expanded uncertainty (at 95% C.L.k=2) is ±0.006 ml

The product has been calibrated with the following devices:

Standard weights	200 g
Weighing Balance	ABAL-23.420g/0.001 g(METTLER)
Thermometer	DM-08, -50°C to 300°C/0.1°C

All the above devices have valid calibrations traceable to NPL India; traceable to international standards.
The above product has been examined for compliance to USP Class-A, it has been found to satisfy the specified requirements. The above item has been calibrated at (25±3)°C at RH (60±25)%.
The above calibration result is valid at the time of calibration under lab conditions. This report shall not be reproduced, except in full, unless with written permission from Glassco Laboratory Equipments Pvt. Ltd.

DATE OF ISSUE:10/03/2021
This is an electronically generated certificate.



Authorised Signatory

Manager Technical
(Yogendra Panwar)

www.glasscolabs.com

Calibration Certificate



Glassco Laboratory Equipments Pvt. Ltd

CALIBRATION CERTIFICATE
(Glassco Calibration Laboratory)
(ISO 17025:2017 Certified Laboratory)

CERTIFICATE NO	GLASSCO/21/03-245/7130		
CRF	2450032021	CAL REPORT NO.	21/03-245
CUSTOMER	LCP-5964		
TEST METHOD	GRAVIMETRIC METHOD		
ITEM CALIBRATED	VOLUMETRIC FLASK : 200 ml		
CATALOGUE NUMBER	QR.130.523.06		
BATCH NO. & SERIAL NO.	01.21/7130		
ITEM CALIBRATED ON	10/03/2021		

CALIBRATION RESULT :
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VOLUME CONTAINED	200.063 ml
TOLERANCE	±0.100 ml
CORRECTION	-0.063 ml

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Weighing Balance	ABAL-23.420g/0.001 g(METTLER)
Thermometer	DM-08, -50°C to 300°C/0.1°C

All the above devices have valid calibrations traceable to NPL India; traceable to international standards.
The above product has been examined for compliance to USP Class-A, it has been found to satisfy the specified requirements. The above item has been calibrated at (25±3)°C at RH (60±25)%.
The above calibration result is valid at the time of calibration under lab conditions. This report shall not be reproduced, except in full, unless with written permission from Glassco Laboratory Equipments Pvt. Ltd.

DATE OF ISSUE:10/03/2021
This is an electronically generated certificate.



Authorised Signatory

Manager Technical
(Yogendra Panwar)

www.glasscolabs.com

Calibration Certificate

* For ordering all NABL certified glassware, please use middle no. 405

Volumetric Glassware with QR-Code



**Quick Scan
QR Code Reader**



NEOREADER



**QR Code
Reader**

Glassco has launched its QR coded volumetric flasks attaining the **ASTM, ISO** and **ASTM** standards. This is available for both, individual certified volumetric flasks and batch certified volumetric flasks. All the volumetric flasks are made from ASTM E 438 TYPE 1 CLASS A BORO 3.3 GLASS which is chemically inert and thermal shock resistant. All Volumetric wares are calibrated exceeding the demands of applicable standards. As all the manufacturers worldwide normally include the batch / individual certificate in the pack and may have been lost while using the glassware, the only option left for you is to either contact the manufacture or to make a endless efforts to go on the manufacturers website, locate the applicable link and download the certificate . To make it most convenient for you, now with the **GLASSCO QR coded volumetric flasks** all you have to do is scan the QR CODE from your mobile with **QR code scanner (NeoReader)** and it will not only give you certificate of calibration (**individual /batch**) but will also give you information of certificate of compliance and the products user manual.

Volumetric Glassware with Qr-code

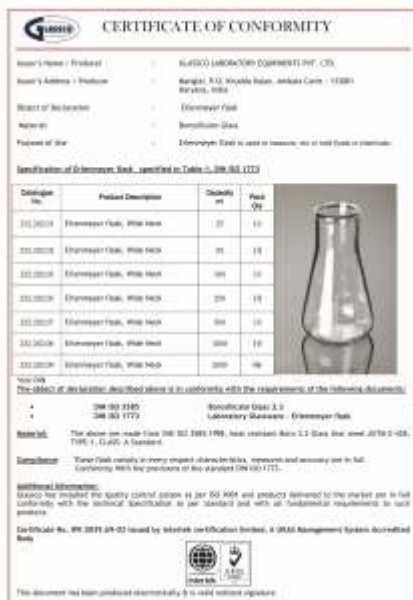


Use your
Smartphone
to scan the QR Code
on the box labels ...

FROM HERE
YOU GET



User manual



User Manual



A Glass Apart

Adapters	Flange Septa Screw Thread	21-49
Beakers	Low Form/Tall Form, PP Euro Design, Tong SS & Brush	50-54
Bottles	Reagent, Screw Cap, Brush, Wash PP, Wide Mouth	55-70
Burettes	With Glass, PTFE, Needle Stopcock, Automatic, Clamp, Chloroform Bellow, Brush	71-80
Columns	Chromatography	81-85
Condensers	Coil, Air, Leibig, Allihin, Dimroth, Fridrichs, & Reflux	86-92
Crucibles	Euro Design, Quartz, Silica, Tong, Holder & Filter Crucible	93-96
Cylinders	Hexa/Round/PP Base, DIN/ISO/USP, PP & Brush	97-103
Desiccator	Plain & Vacuum	104
Dishes	Crystallizing, Disposable, Euro Design, Pastle & Mortar	105-108
Distillation	Graham, Friedrichs, Alcohol Dist., Clevenger, Dean & Stark	109-117
Extraction Apparatus	Extractor, Soxhlet, Allihin & Dimroth	118-120
Filtration	All-Glass Filter with 47mm & 90 mm Disc. Filters	121-128
Flasks	Erlenmeyer, Conical, Pear Shape, kjeldahl, PP, Filter	129-154
Flasks, Volumetric	USP, DIN, ASTM, ISO, NABL, PP, Stoppers	155-172
Funnels	Buchner, Squibb, Globe, Dropping, Gilson, Pear	173-195
Instruments	Hotplate, Stirrer, Shaker, Heating Mantle (Digital Analog, Centrifuge, Mixer, Water & Oil Bath, Soil & pH Testers	196-228
Joints	Cone, Socket, Spherical Joint	229-232
Lab Essentials	Gloves, Slides, Glass Stirrer, Boxes, Jars	233-240
Liquid Handling	Micropipettes, Tips, Rack, Trays, BTD	241-249
Metalware	Retort Stand, Ring, Clamp, Bosshead, Burner, Spatula	250-264
Pipettes	Pasteur, Serological, Volumetric, Mohr, PP, Box, Pump, Bulb, Stand, Controller	265-275
Disposable	Boro Glass 5.1 & 7.0 with screw cap, Pasteur Pipettes	276
Quartzware	Beaker, Dish, Flask, Volumetric Flask, Funnel	277-279
Rubberware	Tube, Cork, Silicon, Euro Design, Tubing, Teats, Sheet	280-287
Tube	Round/Flat Bottom, Reusable, Culture, Reaction, Brush	288-304
Utility Set	Organic Chemistry Set	305-306
Vials	Screw Neck, TOC, Cryo, Rack, Box, Storage, Sv5	307-310
Water Distillation	Single, Double, Quartz Boiler, Softner	311-318

Adapter

All adapters come in different shapes and sizes are manufactured from **ASTM E 438 TYPE 1 Class A Boro 3.3 Glass**. that meets DIN/ISO 3585 & USP Type requirement.

Adapter, Bushing with Drip Tip

- Thick wall and reinforced rim.
- Outside of the bushing has full length and inside has smaller length
- For compact assembly of dissimilar joints



Buy Now!

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.230.01	14/23	19/26	100	374
013.230.02	19/26	29/32	100	604
	10/19	14/23	100	



Buy Now!

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.478.01	14/20	19/22	1	385
013.478.01A	14/20	24/40	1	414
013.478.02	14/35	24/40	1	414

Adapter, Reduction

- Complies as per **DIN 12257**
- Small size socket at top & big size at bottom



Buy Now!

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.202.01*	14/23	14/23	10	274
013.202.01A	14/23	19/26	10	299
013.202.02*	14/23	24/29	10	364
013.202.03	14/23	29/32	10	361
013.202.04*	19/26	24/29	10	364
013.202.05	19/26	29/32	10	442
013.202.06*	19/26	34/35	10	564
013.202.07*	19/26	40/38	10	547
013.202.08*	19/26	45/40	10	591
013.202.09*	19/26	55/44	10	833
013.202.10*	24/29	29/32	10	442
013.202.11*	24/29	34/35	10	564
013.202.12*	24/29	40/38	10	539
013.202.13*	24/29	45/40	10	619
013.202.14*	24/29	50/42	10	695
013.202.15*	24/29	55/44	10	836
013.202.16*	29/32	34/35	10	570
013.202.17*	29/32	40/38	10	636
013.202.18	29/32	45/40	10	643
013.202.19*	34/35	40/38	10	900
013.202.20*	34/35	45/40	10	974
013.202.21*	34/35	50/42	10	1179

* Non DIN/ISO



Buy Now!

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.470.02A	14/20	19/22	1	328
013.470.02	14/20	24/40	1	397
013.470.04	19/22	24/40	1	414
013.470.10	24/40	29/42	1	495
013.470.13	24/40	45/50	1	644



GLASS
BORO
3.3

Chemical
Resistant

HEAVY
WALL

DRIP
TIP



DIN
12257

GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

Adapter, Expansion

- Complies as per **DIN 12257**
- Big size socket at top & small size at bottom

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
014.202.01	19/26	14/23	10	299
014.202.02*	24/29	14/23	10	364
014.202.03*	24/29	19/26	10	364
014.202.03A	29/32	14/23	10	405
014.202.04	29/32	19/26	10	442
014.202.05*	29/32	24/29	10	442
014.202.06*	34/35	19/26	10	564
014.202.07*	34/35	24/29	10	564
014.202.08*	34/35	29/32	10	564
014.202.09*	40/38	24/29	10	656
014.202.10*	45/40	29/32	10	734

* Non DIN/ISO

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
014.470.01	19/22	14/20	1	328
014.470.02	24/40	14/20	1	403
014.470.03	24/40	19/22	1	403
014.470.05	29/42	24/40	1	483
014.470.09A	45/50	24/40	1	748



Buy Now!



Adapter, Multiple

- Complies as per **DIN 12594**
- Comes with two parallel necks with sockets & one cone at bottom

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
015.202.01	14/23	14/23	1	309
015.202.01A*	14/23	19/26	1	337
015.202.02	19/26	19/26	1	337
015.202.03*	19/26	24/29	1	375
015.202.04*	24/29	24/29	1	409
015.202.05*	19/26	34/35	1	475
015.202.06	29/32	29/32	1	536

* Non DIN/ISO

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
015.470.01	14/20	14/20	1	334
015.470.03	19/22	19/22	1	368
015.470.04	24/40	24/40	1	449



Buy Now!



Adapter



Buy Now!

GLASS
BORO
3.3



Adapter, Multiple

- Comes with two necks, one vertical & one at 45° and one cone at bottom

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
016.202.01	14/23	14/23	1	337
016.202.01A	14/23	19/26	1	337
016.203.01B	14/23	24/29	1	352
016.202.02	19/26	19/26	1	344
016.202.03	19/26	24/29	1	366
016.202.04	14/23	29/32	1	613
016.202.05	29/32	29/32	1	362



Buy Now!

GLASS
BORO
3.3



Adapter, Multiple

- Comes with two vertical necks & one at 45° and one cone at bottom

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
017.202.01	19/26	19/26	1	481
017.202.01A	19/26	24/29	1	492
017.202.02	19/26	29/32	1	570
017.202.03	24/29	24/29	1	781
017.202.04	29/32	29/32	1	865

Adapter, Swan Neck

- Comes with screw thread for a thermometers or have a rubber hose

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
018.202.01	14/23	19/26	1	340
018.202.01A	19/26	19/26	1	326
018.202.02	19/26	24/29	1	360
018.202.03	24/29	24/29	1	398
018.202.04	29/32	29/32	1	438



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

Adapter, Receiver Delivery

- With short stem

Item Code	Socket Size	Approx Stem Length (mm)	Pack of	Price / Piece
019.202.01	14/23	65	10	188
019.202.02	19/26	65	10	221
019.202.03	24/29	65	10	254
019.202.04	29/32	65	10	317



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

Socket

Adapter



GLASS
BORO
3.3



Buy Now!

Adapter, Receiver Delivery

- With Long Stem

Item Code	Socket Size	Approx Stem Length (mm)	Pack of	Price / Piece
019.202.05	14/23	190	10	294
019.202.06	19/26	200	10	294
019.202.07	24/29	200	10	337
019.202.08	29/32	200	10	409



GLASS
BORO
3.3



Buy Now!

Adapter, Receiver

- Straight

Item Code	Socket Size	Pack of	Price / Piece
020.202.01	14/23	10	188
020.202.02	19/26	10	221
020.202.03	24/29	10	254
020.202.04	29/32	10	331

Adapter, Receiver Bend with Vent

- With Drip Tip, 105°
- With side arm to provide vent to atmosphere
- Avoids the problem of closed system

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
021.202.01	14/23	14/23	1	265
021.202.02	19/26	19/26	1	305
021.202.03	19/26	24/29	1	360
021.202.04	24/29	24/29	1	393
021.202.05	29/32	29/32	1	570



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

DRIP
TIP

Adapter, Receiver, Plain Bend

- With Drip Tip, 105°
- Without vent
- Provide a simple vapor path between flask & Distillation condensers

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
025.202.00	14/23	14/23	1	302
025.201.00A	14/23	19/26	1	302
025.202.01	19/26	19/26	1	305
025.202.02	19/26	24/29	1	326
025.202.03	24/29	24/29	1	393
025.202.04	29/32	29/32	1	570



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

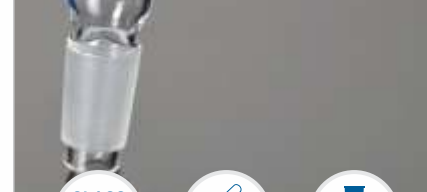
DRIP
TIP

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
025.470.06	24/40	24/40	1	426



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

DRIP
TIP

Adapter



Buy Now!

Adapter, Recovery Bend, Sloping End

- With Drip Tip, 75°

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
026.202.01	14/23	14/23	1	221
026.202.02	24/29	14/23	1	305
026.202.03	19/26	19/26	1	305
026.202.04	24/29	19/26	1	315
026.202.05	29/32	19/26	1	409
026.202.06	29/32	29/32	1	465
026.202.07	24/29	24/29	1	315
026.202.08	34/35	24/29	1	486
026.202.09	29/32	24/29	1	476
026.202.10	34/35	34/35	1	547

ASTM Sizes



Buy Now!

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
043.470.03	24/40	24/40	1	431



Buy Now!

Adapter, Receiver, Vacuum Straight

- Complies as per **DIN 12594**
- With Drip Tip & delivery stem within cone
- Straight with Vacuum connection & Screw Thread Adapter

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
022.202.01	14/23	14/23	1	283
022.202.02*	14/23	19/26	1	294
022.202.02A	19/26	19/26	1	347
022.202.03*	19/26	24/29	1	383
022.202.04*	24/29	24/29	1	419
022.202.05*	24/29	29/32	1	475
022.202.06	29/32	29/32	1	827

* Non DIN/ISO

ASTM Sizes



Buy Now!

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
022.472.04S	24/40	24/40	1	443

Adapter, Receiver, Vacuum Angled

- Complies as per **DIN 12594**
- With Drip Tip & delivery stem within cone
- Bend with Vacuum Connection & Screw Thread Adapter

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
022.201.01	14/23	14/23	1	269
022.201.02*	14/23	19/26	1	279
022.201.03	19/26	19/26	1	450
022.201.04*	19/26	24/29	1	362
022.201.05*	24/29	24/29	1	396
022.201.06*	24/29	29/32	1	478
022.201.07	29/32	29/32	1	630

* Non DIN/ISO

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
022.471.01S	14/20	14/20	1	288
022.471.03S	19/22	19/22	1	339
022.471.05S	24/40	24/40	1	414

Adapter, Distillation 105°

- Fabricated from inner Drip tube inside cone at bottom & a socket at the top

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
025.475.01	14/20	14/20	1	288



Buy Now!



GLASS
BORO
3.3



ONE
SOCKET

ONE
CONE

Screw



Buy Now!



GLASS
BORO
3.3



ONE
SOCKET

ONE
CONE

Adapter, Receiver, Side Socket

- Cone with Drip Tip
- With One Side Inclined at an angle of 105°



Buy Now!

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
023.202.01	14/23	14/23	1	373
023.202.02	19/26	19/26	1	478
023.202.03	19/26	24/29	1	513
023.202.04	24/29	24/29	1	588
023.202.05	29/32	29/32	1	727

GLASS
BORO
3.3



TWO
SOCKET

ONE
CONE



Adapter, Receiver

- With Multiple Connection & Screw Thread
- Can be connected upto three flasks
- With side arm for connection to a vacuum supply
- With socket for connection to condenser
- Two parallel cones & one cone at 45°



Buy Now!

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
024.202.01	14/23	14/23	1	791
024.202.02	14/23	19/26	1	835
024.202.03	19/26	19/26	1	939

GLASS
BORO
3.3



ONE
SOCKET

THREE
CONE



Adapter, Distilling Receiver, With Hose Connection

- Distribution Adapter, Cow-type design having three receivers spaced 40° apart
- Has 135° angle between the center line of the condenser and the receiver tubes
- This receiver can be used with short path style distilling heads
- Three receiver with cone & a glass hose connection for vacuum

Item Code	Socket Size	Cone Size	Pack of	Price /Piece
024.471.03	24/40	24/40	1	1035



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

THREE
CONE

Screw

Adapter, Distilling Receiver, Without Hose Connection

- Distribution Adapter, Cow-type design having three receivers spaced 40° apart
- Has 135° angle between the center line of the condenser and the receiver tubes
- This receiver can be used with short path style distilling heads

Item Code	Socket Size	Cone Size	Pack of	Price /Piece
024.470.01	14/20	14/20	1	782
024.470.02	24/40	24/40	1	978



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

THREE
CONE



Buy Now!

Adapter, Distilling Cow Receiver

- With one female/socket joint and four cone with drip-tip male joints
- Flask 100 ml

Item Code	Socket Size	Cone Size	Pack of	Price /Piece
024.475.01	14/20	14/20	1	794

GLASS
BORO
3.3



ONE
SOCKET

FOUR
CONE



Adapter, Recovery Bend, Vertical

- With Drip Tip
- Used in distillation assembly



Buy Now!

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
027.202.01	14/23	14/23	1	320
027.202.02	19/26	19/26	1	393
027.202.03	24/29	19/26	1	420
027.202.04	24/29	24/29	1	497
027.202.05	29/32	29/32	1	651

GLASS
BORO
3.3



TWO
CONE



Adapter, Still Head Plain

- Complies with DIN 12594
- With Drip Tip
- With Thermometer Socket
- Used in distillation assembly for connecting flask to condenser

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
028.202.01	14/23	14/23	14/23	1	431
028.202.02	14/23	19/26	19/26	1	481
028.202.03*	14/23	24/29	19/26	1	547
028.202.04	14/23	29/32	19/26	1	602
028.202.05*	14/23	34/35	19/26	1	695
028.202.06*	14/23	24/29	24/29	1	561
028.202.07*	14/23	34/35	24/29	1	812
028.202.08*	14/23	29/32	24/29	1	612
028.202.09*	14/23	29/32	29/32	1	867
028.202.10*	14/23	34/35	29/32	1	833

* Non DIN/ISO

ASTM Sizes

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
028.470.02	19/22	19/22	19/22	1	529
028.470.03	24/40	24/40	24/40	1	633
028.470.04	14/20	14/20	14/20	1	460



Buy Now!



GLASS BORO 3.3

Chemical Resistant

ONE SOCKET

TWO CONE

DRIP TIP



Buy Now!

Adapter, Claisen Heads

- Complies with DIN 12594
- With 2 x B14 Socket, One cone 75°
- Still heads but with extra socket to accept dropping funnel or stirrer etc.

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
029.202.01	14/23	14/23	14/23	1	536
029.202.02*	14/23	19/26	19/26	1	591
029.202.03*	14/23	24/29	19/26	1	625
029.202.04*	14/23	24/29	24/29	1	676
029.202.05*	14/23	29/32	29/32	1	729
029.202.06*	14/23	34/35	24/29	1	810

* Non DIN/ISO



Buy Now!



GLASS BORO 3.3

Chemical Resistant

TWO SOCKET

TWO CONE

Adapter



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

DRIP
TIP



Buy Now!

Adapter, Splash Heads, Straight

- With Drip Tip
- Pear shape
- Used between flask & condenser to stop movement of raw liquid

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
030.202.01	14/23	14/23	1	486
030.202.02	19/26	24/29	1	536
030.202.03	29/32	29/32	1	606

ASTM Sizes



Buy Now!

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.402.04A	100	24/40	24/40	1	656



GLASS
BORO
3.3

Chemical
Resistant

TWO
CONE



Buy Now!

Adapter, Splash Heads

- Vertical, Pear shape 105°
- Lower cone accepts flask & upper cone accepts condenser

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
031.202.01	14/23	14/23	1	601
031.202.02	19/26	19/26	1	602
031.202.03	24/29	19/26	1	625
031.202.04	24/29	24/29	1	779
031.202.05	29/32	29/32	1	835

Adapter, Splash Heads, Sloping

- With Drip Tip 75°
- Pear Shape

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
032.202.01	14/23	14/23	1	572
032.202.02	19/26	19/26	1	570
032.202.03	24/29	19/26	1	602
032.202.04	24/29	24/29	1	651
032.202.05	29/32	29/32	1	674



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

TWO
CONE

DRIP TIP

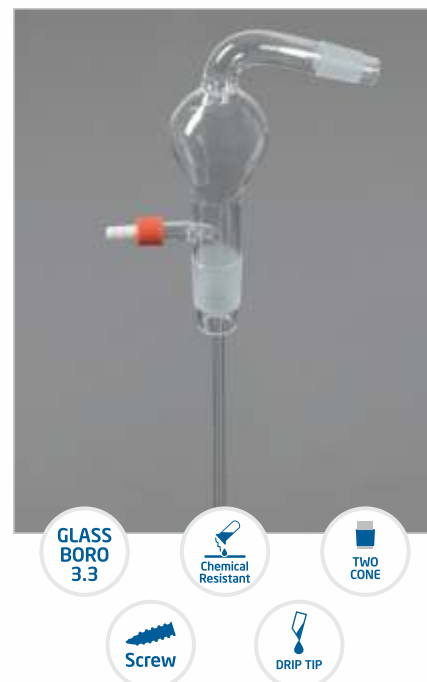
Adapter, Steam Distillation Heads, Sloping

- With Drip Tip 75°
- With screw thread
- With integral stem

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
033.202.01	24/29	19/26	1	835
033.202.02	34/35	19/26	1	1033
033.202.03	34/35	24/29	1	1067



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

TWO
CONE

Screw

DRIP TIP

Adapter, Splash Head, Rotary Evaporator

- For use with rotary evaporators
- Prevents contents of the flask from being drawn into condenser
- Modified bump traps provide expanded volume from reaction that have tendency of excessive foam.



Buy Now!

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.275.06	150	29/32	19/26	1	748
030.275.06A	150	29/32	24/29	1	771
030.275.06B	150	29/32	29/32	1	794

ASTM Sizes



Buy Now!

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.475.02	250	24/40	24/40	1	1323
030.475.04A	100	24/40	24/40	1	748
030.475.01A	250	24/40	14/20	1	1288
030.475.04	100	24/40	14/20	1	725

Adapter, Splash Head, Rotary Evaporator, Anti-climb

- For use with rotary evaporators
- Useful for liquids that have tendency to foam



Buy Now!

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.276.03	150	29/32	19/26	1	748
030.276.03A	150	29/32	24/29	1	771
030.276.03B	150	29/32	29/32	1	794

ASTM Sizes



Buy Now!

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.476.02	250	24/40	24/40	1	1323

Adapter, Flash Chromatography Reservoirs

- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 glass

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price /Piece
030.480.02A	250	24/40	24/40	1	1323



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

Adapter, Cone

- With Glass stopcock
- With Drip Tip

Item Code	Cone Size	Stopcock Bore	Angle	Pack of	Price / Piece
034.202.01	14/23	2.5	Right Angle	1	529
034.202.02	19/26	2.5	Right Angle	1	552
034.202.03	24/29	2.5	Right Angle	1	575
034.202.04	29/32	2.5	Right Angle	1	730
034.260.01	14/23	2.5	Straight	1	529
034.260.02	19/26	2.5	Straight	1	552
034.260.03	24/29	2.5	Straight	1	575
034.260.04	29/32	2.5	Straight	1	730



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
CONE

GLASS

DRIP TIP

PS: The above Adapter can also be supplied with PTFE key or PTFE Needle valve Stopcock. Please ask for prices separately.

Adapter, Socket, with Glass stopcock



Buy Now!

Item Code	Socket Size	Stopcock Bore	Pack of	Price / Piece
035.202.01	14/23	2.5	1	530
035.202.02	19/26	2.5	1	552
035.202.03	24/29	2.5	1	575
035.202.04	29/32	2.5	1	727

PS: The above Adapter can also be supplied with PTFE key or PTFE Needle valve Stopcock. Please ask for prices separately.



Adapter, Vacuum with ASTM Sizes

- With Teflon Stopcock
- At 90°



Buy Now!

Item Code	Cone Size	Pack of	Price / Piece
034.470.02	19/22	1	1093



Adapter, Vacuum

- With Teflon Stopcock
- Straight

Item Code	Cone Size	Pack of	Price /Piece
034.470.01J	14/20	1	1093
034.470.03J	24/40	1	1104



Buy Now!



Adapter, Flushing

- With 2mm T-bore PTFE stopcock

Item Code	Cone Size	Pack of	Price /Piece
048.202.01	24/40	1	1127



Buy Now!



Adapter, Stopcock, Socket

- With Rotaflow PTFE stopcock providing fine flow control and positive closure
- Detachable plastic screw thread connectors allows hose etc
- To be fitted easily and safely



Buy Now!

Item Code	Socket Size	Bore Size (mm)	Pack of	Price / Piece
035.212.01	14/23	3.0	1	506
035.212.02	19/26	3.0	1	529
035.212.03	24/29	3.0	1	552

GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

Screw

360°
NEEDLE

Adapter, Stopcock, T-shape, Cone

- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 glass
- With Rotaflow PTFE stopcock providing fine flow control and positive closure
- Detachable plastic screw thread connectors allows hose etc. to be fitted easily and safely



Buy Now!

Item Code	Cone Size	Bore Size (mm)	Pack of	Price / Piece
046.212.01	14/23	3.0	1	506
046.212.02	19/26	3.0	1	529
046.212.03	24/29	3.0	1	552

GLASS
BORO
3.3

Chemical
Resistant

ONE
CONE

Screw

360°
Rotaflow

Adapter, Cone with Rubber Tubing

- Right angle connection for attachment of rubber hose
- With Drip Tip
- With Screw Thread

Item Code	Cone Size	Pack of	Price / Piece
036.202.01	14/23	1	194
036.202.02	19/26	1	227
036.202.03	24/29	1	260
036.202.04	29/32	1	360



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
CONE

Screw

DRIP TIP

ASTM Sizes

Item Code	Cone Size	Pack of	Price / Piece
036.475.01S	14/20	1	219
036.475.03S	24/40	1	288



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
CONE

Adapter, Vacuum/Argon (Nitrogen), Straight

- Hose connection at top and male joint

Item Code	Cone Size	Pack of	Price / Piece
020.475.01	14/20	1	275
020.475.03	24/40	1	315



Buy Now!



Buy Now!

Adapter Inlet, Fritted

- With an extra coarse disc between the serrated hose connection and the inner joint
- Fritted disc prevents solids from being introduced into the system
- Hose connection has a O.D. of 8mm

Item Code	Cone Size	Pack of	Price /Piece
036.471.01	14/20	1	598
036.471.04A	24/40	1	736



Buy Now!

Adapter, Cone with Stem to Rubber Tubing

- Right angle connection for attachment of rubber hose

Item Code	Cone Size	Pack of	Price / Piece
037.202.01	14/23	1	284
037.202.02	19/26	1	330
037.202.03	24/29	1	362
037.202.04	29/32	1	438

Adapter, Tubing Straight

- With Hooks
- With straight connection for attachment of rubber hose

Item Code	Socket Size	Pack of	Price / Piece
038.202.01	14/23	1	200
038.202.02	19/26	1	231
038.202.03	24/29	1	245
038.202.04	29/32	1	298



Buy Now!

ASTM Sizes

- Without Hooks

Item Code	Socket Size	Pack of	Price / Piece
020.470.01	14/20	1	207
020.470.03	24/40	1	259



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

Adapter, Socket to cone

- With side arm & screw thread for attachment of rubber hose
- Socket at top & cone at bottom

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
039.202.01	14/23	14/23	1	265
039.202.02	14/23	19/26	1	276
039.202.03	14/23	24/29	1	337
039.202.04	14/23	29/32	1	394
039.202.05	19/26	19/26	1	326
039.202.06	19/26	24/29	1	360
039.202.07	19/26	29/32	1	415
039.202.08	24/29	24/29	1	393
039.202.09	24/29	29/32	1	475
039.202.10	29/32	29/32	1	547



Buy Now!



GLASS
BORO
3.3

Chemical
Resistant

ONE
SOCKET

ONE
CONE

Screw

Adapter, Vacuum or Gas 90°

- Hose connection on the side and a male joint



Buy Now!

Item Code	Cone Size	Pack of	Price / Piece
341.470.02	14/20	1	270
341.470.03	19/22	1	282
341.470.05A	24/40	1	305
341.470.05	29/42	1	339
341.470.04	35/20	1	368

GLASS
BORO
3.3



Adapter, Vacuum or Gas 90°

- 2 Sides Hose connection and a male joint



Buy Now!

Item Code	Cone Size	Pack of	Price / Piece
046.202.04	24/40	1	368

GLASS
BORO
3.3



Adapter, Drying Tube

- A drying tube or guard tube is a tube-like piece of apparatus used to house a disposable solid desiccant, where in at one end the tube-like structure terminates in a ground glass joint for use in connecting the drying tube to a reaction vessel, for the purpose of keeping the vessel free of moisture.

Item Code	Cone Size	Pack of	Price / Piece
041.202.01	14/23	10	223
041.202.02	19/26	10	270
041.202.03	24/29	10	307
041.202.04	29/32	10	369



Buy Now!



GLASS
BORO
3.3



ASTM Sizes

Item Code	Cone Size	Pack of	Price / Piece
041.471.01	14/20	1	236
041.471.03	24/40	1	328



Buy Now!

Adapter, Drying Tube Straight

- Drying tube is a tube-like piece of apparatus used to keeping the vessel free of moisture, of ten used in organic syntheses
- There is usually a standard joint for use in connecting the drying tube to a reaction flask
- In use, the drying tube is filled with a rechargeable desiccant such as calcium chloride, and the open end of drying tube is partially blocked

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
041.470.02	19/22	19/22	1	431



Buy Now!



GLASS
BORO
3.3



Adapter, for Pocket Thermometer

- For incorporating thermometers into jointed-ware assemblies
- Pocket fits most still heads



Buy Now!

Item Code	Cone Size	Approx Stem Length (mm)	Pack of	Price / Piece
042.202.01	14/23	45	10	229
042.202.02	19/26	45	10	270
042.202.03	24/29	45	10	307

GLASS
BORO
3.3



Chemical
Resistant

ONE
CONE

Adapter, Air Leak Tube/ Gas Inlet Tube

- These tubes are known for their accurate dimensions
- Compact size, light weight and easy maintenance
- Ensure their quality and durability
- We test these tubes on various well-defined parameters



Buy Now!

Item Code	Cone	Pack of	Price / Piece
044.202.01	14/23	10	210
044.202.02	19/26	10	236
044.202.03	24/29	10	262
044.202.04	29/32	10	378

GLASS
BORO
3.3



Chemical
Resistant

ONE
CONE



LIGHT
WEIGHT



Durable

Adapter, Cone Screw Thread

- Ideal for securing of thermometer or gas inner tube
- With a compression cap & O-ring

Item Code	Cone Size	Acceptable Dia through Screw Thread mm	Pack of	Price / Piece
056.202.01	14/23	6	10	276
056.202.02	19/26	6	10	276
056.202.03	24/29	6	10	320
056.202.04	29/32	6	10	419



Buy Now!

ASTM Sizes

Item Code	Cone Size	Pack of	Price / Piece
056.470.01A	14/20	1	299
056.470.02A	19/22	1	299
056.470.03A	24/40	1	345



Buy Now!



Adapter, Thermometer with Hose Connection

- With a compression cap & O-ring to form a vacuum tight seal

Item Code	Cone Size	Pack of	Price / Piece
056.468.01	14/10	1	391



Buy Now!



Adapter, Inlet/Thermometer

- With a compression cap



Buy Now!

Item Code	Cone Size	Pack of	Price /Piece
056.467.01	14/10	1	299

GLASS
BORO
3.3



Adapter, Inlet

- Permits insertion of plain stem thermometers or bleed tubes supplied with one holed rubber adapter



Buy Now!

Item Code	Cone Size	Pack of	Price /Piece
036.472.01	14/20	1	293
036.472.02	19/22	1	322
036.472.03	24/40	1	345

GLASS
BORO
3.3



For Socket: Non-Serrated in Natural Rubber

Item Code	Size	Pack of	Price / Piece
410.700.01	B - 14	10	40
410.700.02	B - 19	10	56
410.700.03	B - 24	10	67
410.700.04	B - 29	10	75



Buy Now!



For Socket: Serrated in Natural Rubber

Item Code	Size	Pack of	Price / Piece
410.700.05	B - 14	10	40
410.700.06	B - 19	10	56
410.700.07	B - 24	10	70
410.700.08	B - 29	10	85



Buy Now!



For Socket: Non-Serrated in Silicon Rubber

Item Code	Size	Pack of	Price / Piece
405.700.01	B - 14	10	79
405.700.02	B - 19	10	110
405.700.03	B - 24	10	132
405.700.04	B - 29	10	199



Buy Now!



For Socket: Serrated in Silicon Rubber

Item Code	Size	Pack of	Price / Piece
405.700.05	B - 14	10	79
405.700.06	B - 19	10	110
405.700.07	B - 24	10	132
405.700.08	B - 29	10	199



Buy Now!





Buy Now!

Turnover Flange Septa

- Ideal for moisture or air sensitive applications.
- Excellent re-sealing capability.

For Test Tube: Non - Serrated in Natural Rubber

Item Code	Size	Pack of	Price / Piece
410.600.01	12	10	33
410.600.02	15	10	39
410.600.03	18	10	49
410.600.04	25	10	61

For Test Tube: Serrated in Natural Rubber

Item Code	Size	Pack of	Price / Piece
410.600.05	12	10	33
410.600.06	15	10	39
410.600.07	18	10	49
410.600.08	25	10	61



Buy Now!

For Test Tube: Non - Serrated in Natural Rubber

Item Code	Size	Pack of	Price / Piece
405.600.01	12	10	47
405.600.02	15	10	58
405.600.03	18	10	79
405.600.04	25	10	90



Buy Now!

For Test Tube: Serrated in Natural Rubber

Item Code	Size	Pack of	Price / Piece
405.600.05	12	10	47
405.600.06	15	10	58
405.600.07	18	10	79
405.600.08	25	10	90



Buy Now!



Buy Now!

Plastic Hose Connection

Item Code	Thread GL	Type	Pack of	Price / Piece
056.474.01	14	Straight	1	32



Buy Now!

Screw Thread

- Polypropylene

Item Code	Thread GL	Pack of	Price / Piece
056.470.01	14	100	32

Manufactured from **ASTM E 438 TYPE 1 CLASS A BORO 3.3 GLASS**. These beakers comply to **ISO 3819, DIN 12331 ASTM E - 960 and USP** standards. These beakers come with white graduation and marking area for use with an ordinary pencil. The beakers has a uniform wall thickness which make it ideal for heating application. These Beakers have excellent thermal performance and are highly resistant to chemical attack.

These beakers can be provided in Blue color printing. For ordering just mention the colour you need.

Beaker, Low form with spout

- Complies with DIN 12331 & ISO 3819
- Large labeling field for easy marking
- Uniform wall thickness & Ideal for heating liquids
- Clear metric Graduation for convenience
- Highly resistant to chemical attack

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
229.202.01	5	22	30	10	133
229.202.02	10	26	35	10	133
229.202.03	25	34	51	10	133
229.202.04	50	42	58	10	85
229.202.05	100	50	70	10	85
229.202.06	150	60	88	10	85
229.202.07	250	70	95	10	102
229.202.08	400	80	110	10	160
229.202.08A*	500	83	118	8	160
229.202.09	600	90	125	8	210
229.202.10	1000	105	157	6	330
229.202.11	2000	132	185	4	655
229.202.13	3000	152	210	1	1665
229.202.14	5000	170	270	1	2445
229.202.15*	10000	220	350	1	7630

*Non DIN



Beaker, Low Form, with Double Capacity Scale

- Complies with ASTM E-960, TYPE 1
- Printed in white colour enamel
- Large labeling field for easy marking
- Uniform wall thickness
- Ideal for heating liquids
- Printed in double scale
- Highly resistant to chemical attack

Item Code	Capacity (ml)	Graduation Interval (ml)	Graduation Range (ml)	Pack of	Price / Piece
229.402.02	10	-	-	12	135
229.402.03	20	5	5-15	12	135
229.402.03A	30	5	5-25	12	90
229.402.04	50	5	10-45	12	90
229.402.05	100	10	20-80	12	90
229.402.06	150	10	20-140	12	105
229.402.07	250	25	25-200	12	165
229.402.08	400	25	25-325	12	160
229.402.09	600	50	50-500	6	204
229.402.10	1000	50	50-1000	6	319
229.402.11	2000	100	200-1800	4	639
229.402.14	4000	250	250-3500	1	1975



Beakers



Buy Now!

Beaker, Low Form, Heavy Wall, with Double Capacity Scale

- Complies with ASTM E-960, TYPE-2, BORO 3.3 GLASS
- Printed in matt finish white colour enamel.
- Printed in double scale
- Uniform wall thickness with re-inforced Rim & Spout
- Not recommended for use on hot plates

Item Code	Capacity (ml)	Graduation Interval (ml)	Graduation Range (ml)	Pack of	Price / Piece
229.235.07	250	25	25-200	12	225
229.235.08	400	25	25-325	12	290
229.235.09	600	50	50-500	6	340
229.235.10	1000	50	50-1000	6	655
229.235.11*	2000	100	200-1800	4	1105
229.235.14	4000	250	250-3500	1	4480

*Non ASTM Standards



Buy Now!

Beaker, Tall form with spout

- Complies with DIN 12331 & ISO 3819
- Large labeling field for easy marking
- Clear Graduation for easy reading convenience
- Uniform wall thickness
- Ideal for heating liquids
- Clear metric Graduation for convenience
- Highly resistant to chemical attack

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
230.202.02	50	38	70	10	153
230.202.03	100	48	80	10	157
230.202.04	150	54	95	10	166
230.202.05	250	60	120	10	159
230.202.06	400	70	130	10	211
230.202.07A*	500	75	142	8	338
230.202.07	600	80	150	8	215
230.202.08	1000	90	192	6	425

*Non DIN

Beaker, Tall form, Without Spout

- Design meets DIN 12331 & ISO 3819 requirements & without spout
- Large labeling field for easy marking
- Clear Graduation for easy reading convenience
- Uniform wall thickness
- Ideal for heating liquids
- Clear metric Graduation for convenience
- Highly resistant to chemical attack

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
230.205.02	50	38	70	10	146
230.205.03	100	48	80	10	154
230.205.04	150	54	95	10	166
230.205.05	250	60	120	10	154
230.205.06	400	70	130	10	215
230.205.06AB*	500	75	142	8	219
230.205.07	600	80	150	8	289
230.205.08	1000	90	192	6	425

*Non DIN



Buy Now!



Beaker, Tablet Disintegration

- Specially designed for Tablet disintegration machine
- Large labeling field that enables easy marking
- Highly resistant to chemical attack

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
230.209.08	1000	105	145	10	412



Buy Now!



Beakers

Beaker, Euro Design

- Made from Polypropylene
- These jugs are clear & autoclavable
- Graduation for easy reading



Buy Now!

Item Code	Capacity (ml)	Pack of	Price / Pack
101.303.01	25	12	233
101.303.02	50	12	240
101.303.03	100	12	279
101.303.04	250	12	493
101.303.05	500	12	771
101.303.06	1000	6	799
101.303.07	2000	6	1411
101.303.08	5000	2	1265



Beaker, Measuring Jugs, Euro Design (PP)

- Made from Polypropylene
- These jugs are clear, autoclavable
- Provided with a handle for easy & convenient lifting
- Raised graduation for easy reading



Buy Now!

Item Code	Capacity (ml)	Pack of	Price / Pack
179.303.01	250	12	803
179.303.05	500	12	1313
179.303.06	1000	6	1301
179.303.07	2000	6	1950
179.303.08	3000	6	1441
179.303.09	5000	4	2311



Beaker, Tong, SS

- Made of stainless steel
- Silicon sleeve for temp upto 280° C
- Fibre glass yarn to resist direct flame
- To hold beakers upto 2 Litres (155mm OD)

Item Code	Type	Length (mm)	Material	Max Temp	Pack of	Price / Piece
396.303.01	Beaker	250	Glass Fibre	500°C	4	418
396.303.02	Beaker	300	Glass Fibre	500°C	4	436
396.303.03	Beaker	250	Silicon	280°C	4	324
396.303.04	Beaker	300	Silicon	280°C	4	353



Buy Now!



SS

Si
Sleeved
280°C

Glass
Sleeved
500°C

Beaker, Brush

- Brush with wirewound polyester bristles
- An extra-large brush ideal for cleaning beakers

Item Code	Type	Material	Pack of	Price / Piece
593.303.06	Beaker Brush	Nylon	50	70



Buy Now!



Nylon

Bottles



Buy Now!

Bottle, Reagent Clear Narrow Mouth

- Complies with **DIN/ISO 4796**
- Autoclavable PP screw cap and pouring ring
- Printed with retrace code.
- Specially designed PP Pouring rings for drip-free operations
- Clear scale Graduation & large marking area
- These complete bottles are autoclavable & can be sterilized
- These bottles are highly mechanically durable and chemical resistance

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of	Price / Piece
274.205.00*	10**	36x50	GL-25	10	476
274.202.00B	25**	36x70	GL-25	10	305
274.202.00	50**	46x87	GL-32	10	363
274.202.00C	50	46x87	GL-45	10	376
274.202.01	100	56x100	GL-45	10	358
274.202.01B	150	60x120	GL-45	10	380
274.202.02	250	70x138	GL-45	10	365
274.202.03	500	86x176	GL-45	10	425
274.202.04	1000	101x225	GL-45	10	655
274.202.05	2000	136x260	GL-45	10	1092
274.202.06*	3000	158x295	GL-45	2	5557
274.202.07	5000	181x330	GL-45	1	5945
274.202.08	10000	227x410	GL-45	1	10536
274.202.09	20000	288x505	GL-45	1	19623

*Non DIN

** 10, 25 & 50ml without pouring rings



Buy Now!

Bottle, Reagent Amber Screw Cap

- Complies with **DIN/ISO 4796**
- Autoclavable PP screw cap and pouring ring
- Printed with a retrace code.
- Specially designed PP Pouring rings for drip-free operations
- Clear scale Graduation & large marking area
- These complete bottles are autoclavable & can be sterilize
- These bottles are highly mechanically durable and chemical resistance
- The uniform Amber colour is highly durable and chemical resistance
- These bottles are ideal for long term storage of light sensitive media & substance

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of	Price / Piece
275.205.00*	10**	36x50	GL-32	10	580
275.202.00B	25**	36x70	GL-32	10	484
275.202.00	50**	46x87	GL-32	10	575
275.202.00C	50	46x87	GL-45	10	575
275.202.01	100	56x100	GL-45	10	592
275.202.02	250	70x138	GL-45	10	630
275.202.03	500	86x176	GL-45	10	735
275.202.04	1000	101x225	GL-45	10	975
275.202.05	2000	136x260	GL-45	10	1835
275.202.06	3000	158x295	GL-45	1	9960
275.202.07	5000	183x330	GL-45	1	10090

*Non DIN

** 10, 25 & 50ml without pouring rings

Ensure caps should be loose during autoclave

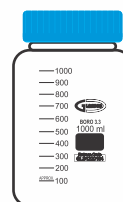
Bottle, Reagent, Square Type, Wide Mouth, Graduated

- With DIN Thread
- With PP Screw cap (GL-80)

Item Code	Capacity (ml)	Approx B x W x H (mm)	Thread Specification Approx O.D. (mm)	Pack of	Price / Piece
274.209.03	500	94 x 94 x 141	GL-80	10	1003
274.209.04	1000	105 x 105 x 187	GL-80	10	1110
274.209.05	2000	115 x 115 x 260	GL-80	10	1740

*Height including Cap.

Ensure caps should be loose during autoclave



Buy Now!



Bottle, HPLC Mobile Phase

- Complies with **USP TYPE 1** BORO 3.3 Glass
- Conical bottom delivers all of solvent without reservoir tilting
- Prevents leaching of any extractable into the mobile phase solvents
- With PP Screw cap (GL-45)

item Code	Capacity (ml)	Screw Thread	Approx O.D. x Height* (mm)	Pack of	Price / Piece
274.213.04	1000	GL-45	101 x 225	10	2266
274.213.05	2000	GL-45	136 x 260	10	3623



Buy Now!



Bottle, Screw Cap

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour Description	Thread Specification	Pack of	Price / Piece
275.205.01	Blue	GL 45	10	85
275.205.010	Orange	GL 45	10	90
275.205.01Y	Yellow	GL 45	10	90
275.205.01G	Green	GL 45	10	90
275.205.01E	Grey	GL 45	10	90
275.205.01W	White	GL 45	10	90
275.205.01B	Black	GL 45	10	90
275.205.01R	Red	GL 45	10	90



Buy Now!



Available in Different colours



Item Code	Colour Description	Thread Specification	Pack of	Price / Piece
275.205.03	Blue	GL 25	10	45
275.205.030	Orange	GL 25	10	45
275.205.03Y	Yellow	GL 25	10	45
275.205.03G	Green	GL 25	10	45
275.205.03E	Grey	GL 25	10	45
275.205.03W	White	GL 25	10	45
275.205.03B	Black	GL 25	10	45
275.205.03R	Red	GL 25	10	45



Buy Now!

Bottle, Pouring Ring, Blue Colour

- Made from Polypropylene
- Autoclavable upto 140° C



Buy Now!

Item Code	Colour Description	Thread Specification	Pack of	Price / Piece
275.205.02	Blue	GL 45	10	35
275.205.02B	Black	GL 45	10	27
275.205.02E	Grey	GL 45	10	27
275.205.02G	Green	GL 45	10	27
275.205.02O	Orange	GL 45	10	27
275.205.02R	Red	GL 45	10	27
275.205.02W	White	GL 45	10	27
275.205.02Y	Yellow	GL 45	10	27

Teflon Pouring Ring for Bottle, White Colour

- Made from PTFE (Teflon)
- Autoclavable upto 140° C



Buy Now!

Item Code	Colour Description	Thread Specification	Pack of	Price / Piece
275.207.01	White	GL 45	10	130

Screw Cap, for Reagent Bottle

- Made from PTFE (Teflon)
- Autoclavable



Buy Now!

Item Code	Colour Description	Thread Specification	Pack of	Price / Piece
275.204.01	White	GL 45	10	840

Bottle, Reagent Narrow Mouth, Clear

- Complies with **DIN/ISO 4796-2**
- Made from **ASTM 438** TYPE 1 BORO 3.3 GLASS
- These bottles comes with ground joint & Umbrella Stopper
- Printed in matt finish white colour enamel
- Clear scale Graduation for easy reading
- These bottles are mechanically strong and chemical resistant

Item Code	Capacity (ml)	O.D. x Height (mm)	N/S	Pack of	Price / Piece
272.276.01	30	36x78	14/23	10	360
272.276.02	60	45x90	14/23	10	395
272.276.02A	100*	54x98	14/23	10	437
272.276.03	125	56x115	19/26	10	371
272.276.04	250	70x142	19/26	10	413
272.276.05	500	86x180	24/29	10	435
272.276.06	1000	101x230	29/32	10	681
272.276.07	2000	136x260	29/32	10	1282

* DIN/ISO



Buy Now!



Bottle, Reagent Narrow Mouth, Amber

- Complies with **DIN/ISO 4796-2**
- Made from **ASTM 438** TYPE 1 BORO 3.3 GLASS
- These bottles comes with ground joint & Umbrella Stopper
- Printed in matt finish white colour enamel.
- Clear scale Graduation for easy reading
- These bottles are mechanically strong and chemical resistant
- The uniform Amber colour is highly durable and has high chemical resistance

Item Code	Capacity (ml)	Size	N/S	Pack of	Price / Piece
273.276.01	30	36x78	14/23	10	510
273.276.02	60	44x90	14/23	10	542
273.276.02A	100*	54x98	14/23	10	596
273.276.03	125	56x115	19/26	10	580
273.276.04	250	70x142	19/26	10	695
273.276.05	500	86x180	24/29	10	808
273.276.06	1000	101x230	29/32	10	1050
273.276.07	2000	136x260	29/32	10	1982

* DIN/ISO



Buy Now!



Bottles



Buy Now!

Bottle, Reagent, Narrow mouth

- Made from ASTM E-438, TYPE-1, CLASS-A, BORO 3.3 GLASS
- These bottles come with pressed flat stopper

Item Code	Capacity (ml)	Stopper No.	Pack of	Price / Piece
272.207.03A	125	19	1	371
272.207.04	250	19	1	413
272.207.05	500	24	1	435
272.207.06	1000	29	1	681
272.207.07	2000	29	1	1282



Buy Now!

Bottle, Tooled Neck, Plain

- Mechanically strong and chemical resistant
- Large volume capacity bottles designed for handling and storing culture media
- Large durable white colour enamelled area for marking

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
282.202.02	250	70	140	10	390
282.202.06	500	86	180	10	425
282.202.07	1000	101	230	10	670
282.202.08	2000	136	285	10	1170
282.202.09	3000	158	255	1	4785
282.202.10	5000	183	330	1	6815
282.202.11	10000	235	430	1	11720
282.202.12	20000	299	530	1	19230

Bottle, Tooled Neck, Amber

- Recommended use with light-sensitive media and for long-term storage of substances
- Mechanically strong and chemical resistant
- Large durable white colour enamelled area for marking
- The uniform Amber colour is highly durable and has high chemical resistance
- Protects media from light radiation with a wave-length between 300 nm and 500nm

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
282.279.04	250	70	145	10	705
282.279.06	500	86	180	10	750
282.279.07	1000	101	230	5	1080
282.279.08	2000	136	255	5	1970



Buy Now!



Bottle, Aspirator, with GL 45 Cap with tubulation

- Complies with **DIN/ISO 4796-3**
- Made From Heat Resistant Boro 3.3 Glass
- These bottles comes with autoclavable PP Screw caps & pouring rings
- These bottles have durable large white colour enamel marking area

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread Specification	Pack of	Price / Piece
280.205.05	250**	70 x 140	GL 45	1	410
280.205.06	500**	86 x 176	GL 45	1	460
280.205.07	1000	101 x 225	GL 45	1	850
280.205.08	2000	136 x 260	GL 45	1	1350
280.205.10	5000	181 x 330	GL 45	1	7656
280.205.11	10000	235 x 410	GL 45	1	13257
280.205.12	20000	296 x 505	GL 45	1	24035

**Not covered in ISO / DIN standards.

*Height indicated is of Bottle only



Buy Now!



Bottles

Bottle, Aspirator, with GL 45 Cap with socket

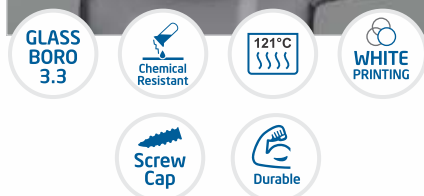
- Complies with **DIN/ISO 4796-3**
- Made From Heat Resistant
- These bottles comes with autoclavable PP Screw caps & pouring rings
- These bottles have duarable large white colour enamel marking area
- These bottles are suitable for storage of large media for long duration



Buy Now!

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread Specification	Outlet Ground Joint Size	Pack of	Price / Piece
280.202.07	1000	101 x 225	GL 45	24 / 29	1	1060
280.202.08	2000	136 x 260	GL 45	29 / 32	1	1515
280.202.11	5000	181 x 323	GL 45	29 / 32	1	8800
280.202.12	10000	235 x 405	GL 45	29 / 32	1	12450
280.202.13	20000	296 x 500	GL 45	29 / 32	1	22050

*Height indicated of Bottle only



Bottle, Aspirator, with GL 45 Cap and Interchangeable Stopcock

- Complies with **DIN/ISO 4796-3**
- Made From Heat Resistant Boro 3.3 Glass
- Low Expansion



Buy Now!

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread Specification	Outlet Ground Joint Size	Pack of	Price / Piece
281.202.07	1000	101 x 225	GL 45	24 / 29	1	2918
281.202.08	2000	136 x 260	GL 45	29 / 32	1	3388
281.202.11	5000	181 X 330	GL 45	29 / 32	1	11390
281.202.12	10000	227 X 410	GL 45	29 / 32	1	15850
281.202.13	20000	288 X 505	GL 45	29 / 32	1	23365

*Height indicated of Bottle only



Bottle, Dropping

- Made From chemical Resistant glass & Heat Resistance Boro 3.3 Glass
- These bottles comes with interchangeable ground joint with dropper and rubber teat.

Item Code	Neck Size	Capacity (ml)	ODxHeight (mm)	Pack of	Price / Piece
279.202.01	14/23	30	36x78	10	325
279.202.02	14/23	60	45x90	10	430
279.202.03	19/26	120	56x116	10	455
279.202.04	19/26	250	70x128	10	610



Buy Now!



GLASS
BORO
3.3



WHITE
PRINTING

Bottle, Amber, Dropping

- Made From chemical Resistant amber glass & Heat Resistance Boro 3.3 Glass
- These bottles comes with interchangeable ground joint with dropper and rubber teat.

Item Code	Neck Size	Capacity (ml)	ODxHeight (mm)	Pack of	Price / Piece
279.229.01	14/23	30	36x78	10	510
279.229.02	14/23	60	45x90	10	675
279.229.03	19/26	120	56x116	10	745
279.229.04	19/26	250	70x128	10	980



Buy Now!



GLASS
BORO
3.3



WHITE
PRINTING

Mac-Cartney Bottles

- Complete with Aluminium Cap Manufactured from Soda Glass

Item Code	Capacity (ml)	Pack of	Price / Piece
283.202.01	15	100	50
283.202.02	30	100	55



Buy Now!



Iron
Soda
Glass

Bottles



Bottle, Gas Washing

- Complies with DIN 12463
- Complete Interchangeable joints
- Made from Heat & Chemical resistance Boro 3.3 Glass



Buy Now!

Item Code	Capacity (ml)	Joint Size	Pack of	Price / Piece
286.202.04	100	29/32	2	1085
286.202.01B*	125	29/32	2	1085
286.202.05	250	29/32	2	1150
286.202.06	500	29/32	2	1395

* Non DIN



Head for Gas Bottles

- Complies DIN 12596 standard
- Made from Heat & Chemical resistance Boro 3.3 Glass



Buy Now!

Item Code	Capacity (ml)	Joint Size	Pack of	Price / Piece
285.202.04	100	29/32	1	630
285.202.01B*	125	29/32	1	630
285.202.05	250	29/32	1	695
285.202.06	500	29/32	1	810

* Non DIN



Complete Gas Washing bottle with head

- Complies with DIN 12596, 12463
- Complete Interchangeable joints



Buy Now!

Item Code	Capacity (ml)	Joint Size	Pack of	Price / Piece
285.406.01*	125	29/32	1	1190
285.406.02	250	29/32	1	1290
285.406.03	500	29/32	1	1520

*Non standards

Bottle, Head, Sintered wash

- Complies DIN 12596

Item Code	Capacity (ml)	Joint Size	Pack of	Price / Piece
287.202.06	100	29/32	1	750
287.202.06A*	125	29/32	1	750
287.202.07	250	29/32	1	750
287.202.08	500	29/32	1	850

* Non DIN



Buy Now!



Bottle, Weighing

- made from ASTM-438, TYPE-1, Boro 3.3 glass
- These bottles are chemically resistant & mechanically strong

Item Code	O.D. x Ht. (mm)	Form	Capacity (ml)	Pack of	Price / Piece
264.202.01	40x30	Squat Form	15	10	479
264.202.02	50x25	Squat Form	20	10	690
264.202.03	50x35	Squat Form	35	10	690
264.202.04	50x50	Squat Form	50	10	827
264.202.05	60x30	Squat Form	30	10	959
264.202.05A	60x40	Squat Form	40	10	959
264.202.06	20x40	Tall Form	5	10	311
264.202.07	25x50	Tall Form	15	10	330
264.202.08	30x60	Tall Form	25	10	407
264.202.09	40x80	Tall Form	60	10	623



Buy Now!

Item Code	I.D. x Ht. (ml)	Neck Size	Form	Capacity (ml)	Pack of	Price / Piece
264.402.03	50x30	50/12	Squat Form	35	10	653
264.402.05	60x30	60/12	Squat Form	50	10	968
264.402.07	70x33	71/15	Squat Form	82	10	1500
264.407.01	15x50	14/10	Tall Form	7	10	217
264.407.02	25x40	24/12	Tall Form	12	10	290
264.407.02A	25x50	24/12	Tall Form	16	10	332
264.407.03	30x60	29/12	Tall Form	30	10	411
264.407.05	40x50	40/12	Tall Form	45	10	513
264.407.05A	40x80	40/12	Tall Form	70	10	629
264.407.07	50x60	50/12	Tall Form	85	10	750



Buy Now!



Bottles



Bottle, Wash

- Complete With Interchangeable Head
- These bottle are highly Heat Resistant



Buy Now!

Item Code	Capacity ml	Approx Total Height mm	Size of I/C Stopper	Pack Size	Price / Piece
285.502.02	250	225	24/29	1	780
285.502.03	500	280	24/29	1	1010
285.502.04	1000	315	29/32	1	1160



Head for Wash Bottles



Buy Now!

Item Code	Capacity ml	Size of I/C Stopper	Pack Size	Price / Piece
287.502.02	250	24/29	1	530
287.502.03	500	24/29	1	555
287.502.04	1000	29/32	1	595



Bottle, Only For Wash Bottle

- Made From Heat Resistant, Boro 3.3 Glass that meet ISO/DIN 3585, Class A, Type 1



Buy Now!

Item Code	Capacity ml	Approx Total Height mm	Size of I/C Stopper	Pack Size	Price / Piece
289.202.02	250	135	24/29	1	485
289.202.03	500	175	24/29	1	765
289.202.04	1000	205	29/32	1	1040

Pycnometers to Gay - Lussac, Calibrated at 27°C, Class-A

- With Individual Work Certificate
- With Teflon stopper

Item Code Class A	Capacity (ml)	Tolerance (± ml)	Pack of	Price / Piece
268.523.01	10	0.3	1	1080
268.523.02	25	0.8	1	1258
268.523.03	50	1	1	1342
268.523.04	100	3	1	1485



Buy Now!



Pycnometers to Gay - Lussac, Calibrated at 27°C, with Teflon stopper, Class B

- Manufactured from ASTM 438 TYPE 1, Boro 3.3 Glass
- Without Certificate

Item Code Class B	Capacity (ml)	Tolerance (± ml)	Pack of	Price / Piece
269.502.01	10	0.3	2	503
269.502.02	25	0.8	2	551
269.502.03	50	1	2	599
269.502.04	100	3	2	671



Buy Now!



Bottles

BOD Bottles for incubating diluted samples of clean water, waster water, effluent water and polluted water during the 5 day biochemical oxygen demand (BOD) test. These BOD bottles feature a flared mouth to form a water seal to prevent the ingress of air during incubation. The interchangeable stoppers have a tapered bottom that also prevents air entrapment.

The stopper joint on BOD bottles is compatible with the probes of leading BOD and DO meters. Bottles have large, permanent marking squares.

Featuring the best quality of glass on the market, BOD bottles are manufactured from high-quality Borosilicate tubing; this type of glass makes them much less susceptible to etching when compared to traditional BOD bottles.

Bottles meet ASTM E-438 Type 1, Class A Borosilicate Glass specifications. These bottles come in numbered and un numbered version and also in penny head or robotic stopper.



Buy Now!

Item Code	Capacity (ml)	Number Sequence	Stopper (Glass Type)	Pack of	Price / Piece
284.456.01	60	Unnumbered	Pennyhead	1	460
284.451.01A	60	1-36	Pennyhead	36	480
284.451.01B	60	37-72	Pennyhead	36	480
284.451.01C	60	73-108	Pennyhead	36	480
284.456.03	125	Unnumbered	Pennyhead	1	570
284.456.02	300	Unnumbered	Pennyhead	1	655
284.456.02R	Bar-Coded, 300	1-24	Pennyhead	24	580
284.456.02A	Bar-Coded, 300	25-48	Pennyhead	24	720
284.456.02B	Bar-Coded, 300	49-72	Pennyhead	24	720
284.456.02C	Bar-Coded, 300	73-96	Pennyhead	24	720
284.456.02D	Bar-Coded, 300	97-120	Pennyhead	24	720
284.456.02E	Bar-Coded, 300	121-144	Pennyhead	24	720
284.456.02F	Bar-Coded, 300	145-168	Pennyhead	24	720
284.456.02G	Bar-Coded, 300	169-192	Pennyhead	24	720
284.456.02H	Bar-Coded, 300	193-216	Pennyhead	24	720
284.456.02I	Bar-Coded, 300	217-240	Pennyhead	24	720
284.456.02J	Bar-Coded, 300	241-264	Pennyhead	24	720
284.456.02K	Bar-Coded, 300	265-288	Pennyhead	24	720
284.456.02L	Bar-Coded, 300	289-312	Pennyhead	24	720
284.456.02M	Bar-Coded, 300	313-336	Pennyhead	24	720
284.456.02N	Bar-Coded, 300	337-360	Pennyhead	24	720
284.456.02O	Bar-Coded, 300	361-384	Pennyhead	24	720
284.456.02P	Bar-Coded, 300	385-408	Pennyhead	24	720
284.456.02Q	Bar-Coded, 300	409-432	Pennyhead	24	720



Buy Now!

Item Code	Capacity (ml)	Number Sequence	Stopper (Glass Type)	Pack of	Price / Piece
284.453.01	60	Unnumbered	Robotic	1	380
284.453.01A	60	1-36	Robotic	36	480
284.453.01B	60	37-72	Robotic	36	480
284.453.01C	60	73-108	Robotic	36	480
284.455.02	300	Unnumbered	Robotic	1	580
284.455.02A	Bar-Coded, 300	1-24	Robotic	24	720
284.455.02B	Bar-Coded, 300	25-48	Robotic	24	720
284.455.02C	Bar-Coded, 300	49-72	Robotic	24	720
284.455.02D	Bar-Coded, 300	73-96	Robotic	24	720
284.455.02E	Bar-Coded, 300	97-120	Robotic	24	720
284.455.02F	Bar-Coded, 300	121-144	Robotic	24	720
284.455.02G	Bar-Coded, 300	145-168	Robotic	24	720
284.455.02H	Bar-Coded, 300	169-192	Robotic	24	720
284.455.02I	Bar-Coded, 300	193-216	Robotic	24	720
284.455.02J	Bar-Coded, 300	217-240	Robotic	24	720
284.455.02K	Bar-Coded, 300	241-264	Robotic	24	720
284.455.02L	Bar-Coded, 300	265-288	Robotic	24	720
284.455.02M	Bar-Coded, 300	289-312	Robotic	24	720
284.455.02N	Bar-Coded, 300	313-336	Robotic	24	720
284.455.02O	Bar-Coded, 300	337-360	Robotic	24	720
284.455.02P	Bar-Coded, 300	361-384	Robotic	24	720
284.455.02Q	Bar-Coded, 300	385-408	Robotic	24	720
284.455.02R	Bar-Coded, 300	409-432	Robotic	24	720

Bottle, Culture, (Roux) Off-Set Neck

- These bottles are ideal for growing various type of cultures
- These bottles withstand multiple autoclave & sterilization
- The neck of these bottles is tool finished for greater strength

Item Code	Capacity (ml)	Approx. BxWxH (mm)	Approx. Neck I.D.(mm)	Pack of	Price / Piece
288.202.07	1000	126 x 56 x 265	26	2	1930



Buy Now!



GLASS
BORO
3.3



Bottle, Brush

Item Code	Type	Material	Pack of	Price / Piece
593.303.01	Bottles Brush	Nylon	50	62



Buy Now!



Nylon

Bottles



Buy Now!

Bottle, Wash Bottles (New Type)

- Made from Low Density Polyethylene and are therefore translucent & unbreakable
- The distinguishing feature that these bottles contain is the built in delivery tube making it a one piece Wash Bottle
- These Bottles are graduated on the outer surface to give an approximate idea about the volume of solution filled or dispensed

Item Code	Capacity (ml)	Pack of	Price /Pack
110.303.03	125	12	552
110.303.01	250	12	851
110.303.02	500	12	992



“SAFE - HANDLE”

Safety Jar for Glass Bottles

Glass bottles are clean, dependable containers for liquid but they can present a serious safety hazard when broken. By containing liquid spills and broken glass, the “Safe-Handle” protects people and property from glass shards and exposure to flammable or hazardous liquid

Designed For Safety :

- Minimizes spills and prevents breakage
- Meets secondary containment requirement
- Easy mechanism
- Environmentally friendly
- No effect on product quality
- Suitable for 2.5 ltr. glass bottle
- Prevent breakage and minimizes spills
- Meets secondary containment requirements
- Easy-to-use mechanism
- Is Environmentally responsible
- Does not contaminate liquids



6 Easy steps to greater lab safety.



Step 1.
Disengage Bottom & top of Safe-Handle.



Step 4.
When the bottle is empty, place the Safe-Handle. While holding the bottom handle with one hand, turn the top handle with the other hand in a clockwise direction until the lugs click into place.



Step 2.
Carefully place the bottle in the bottom portion of the Safe-Handle.



Step 5.
Lock the top of the container to the bottom by pressing the handle lock mechanism until it snaps together. Ensure that the locking mechanism is engaged before carrying or dispensing liquid.



Step 3.
Lower the Safe-Handle top over the neck of the bottle. Line up the indicator arrows to ensure assembly.



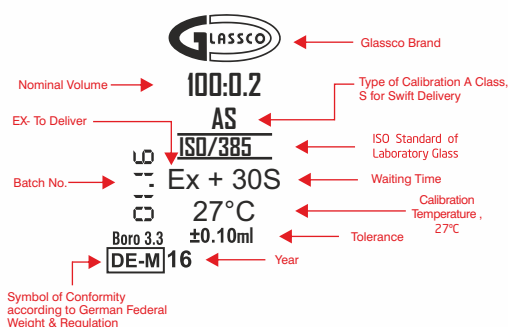
Step 6.
When the bottle is empty, place the Safe-Handle on a flat surface to disengage. Hold the bottom handle with one hand. Using the other hand, rotate the top in a counter-clockwise direction until the lugs are disengaged. Remove the top from the bottom.

Item Code	Description	Pack of	Price /Piece
215.202.01	Safety Jar for European 2.5 Ltr Glass Bottle	1	2354



Buy Now!

Burette



Glassco Burettes are manufactured from **ASTM E-438 TYPE 1 CLASS A BORO 3.3** heat resistant glass which meet **DIN ISO 385** and **USP standards**. Each and every piece is calibrated to deliver **(TD, EX) 27°C**.

All 'A' CLASS burettes are manufactured from precision bore tubing for accuracy.

The Burettes are calibrated on computer controlled machines to give the most accurate results and then are rechecked on the quality control centre.

The Burettes made in 'A' class come with individual work certificate.

All 'A' Class burettes are printed in blue colour.

The individual work certificate are packed with each piece, however it can also be downloaded through our website www.glasscolabs.com

The Burettes come with 3 different kind of stopcocks **Glass Stopcock, PTFE Needle Valve Stopcock & PTFE Key Stopcock**.

Burette, with glass stopcock Class A

- Complies with **DIN ISO 385/IS 1997: 2008**
- Comes with individual works certificate in clear glass
- Printed in blue colour

Item Code Class A	Cap. (ml)	Division	Tolerance (±ml)	Pack of	Price /Piece
111.523.01	10	0.05	0.03	1	2095
111.523.02	25	0.1	0.05	1	2215
111.523.03	50	0.1	0.05	1	2515
111.523.04	100	0.2	0.1	1	3600

Burette, with glass stopcock, Class A

- Complies with **DIN ISO 385/IS 1997: 2008**
- NABL** certified
- Comes with individual works certificate in Clear glass
- Printed in blue colour



Item Code Class A NABL	Cap. (ml)	Division	Tolerance (±ml)	Pack of	Price /Piece
111.505.01	10	0.05	0.03	1	4025
111.505.02	25	0.1	0.05	1	4120
111.505.03	50	0.1	0.05	1	4715
111.505.04	100	0.2	0.1	1	6715

Burette, with glass stopcock, Class B

- Complies with **DIN ISO 385/IS 1997: 2008**
- In clear glass
- Printed in blue colour

Item Code Class B	Cap. (ml)	Division	Tolerance (±ml)	Pack of	Price /Piece
110.522.01	10	0.05	0.05	1	735
110.522.02	25	0.1	0.1	1	720
110.522.03	50	0.1	0.1	1	775
110.522.04	100	0.2	0.20	1	1080



Burette, with Boroflow stopcock, Class A

- Complies with **DIN ISO 385/IS 1997 :2008**
- Comes with Individual Work Certificate in clear Glass
- Printed in blue colour

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
113.523.01	10	0.05	0.03	1	1975
113.523.02	25	0.1	0.05	1	2035
113.523.03	50	0.1	0.05	1	2330
113.523.04	100	0.2	0.1	1	3265



Buy Now!

Burette, with Boroflow stopcock, Class A

- Complies with **DIN ISO 385**
- **NABL** Certified
- Comes with individual works Certificate
- Printed in blue colour



Item Code Class NABL	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
113.505.01	10	0.05	0.03	1	3890
113.505.02	25	0.1	0.05	1	4045
113.505.03	50	0.1	0.05	1	4595
113.505.04	100	0.2	0.1	1	6355



Buy Now!

Burette, with Boroflow stopcock, Class B

- Complies with **DIN ISO 385**
- Printed in blue colour

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
112.522.01	10	0.05	0.05	1	645
112.522.02	25	0.1	0.1	1	605
112.522.03	50	0.1	0.1	1	680
112.522.04	100	0.2	0.2	1	1015



Buy Now!

Burette, Amber with Boroflow stopcock, Class A

- Complies with **DIN ISO 385/IS 1997 :2008**
- Comes with Individual Work Certificate in Amber Glass

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
113.524.02A	25	0.1	0.05	1	3330
113.524.03A	50	0.1	0.05	1	3760



Buy Now!

Burette, Amber with Boroflow stopcock, Class B

- Complies with **DIN ISO 385** and **USP** standards

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
112.522.02A	25	0.1	0.1	1	975
112.522.03A	50	0.1	0.1	1	1072



Buy Now!





Buy Now!

Burette, With PTFE key stopcock, Class A

- Complies with DIN ISO 385/IS 1997 : 2008
- Comes with Individual Work Certificate clear Glass
- Printed in blue colour

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
115.523.01	10	0.05	0.03	1	2185
115.523.02	25	0.1	0.05	1	2235
115.523.03	50	0.1	0.05	1	2420
115.523.04	100	0.2	0.1	1	3315

Burette, With PTFE key stopcock Class A

- Complies with DIN ISO 385/IS 1997 : 2008
- NABL Certified
- Comes with Individual Work Certificate in clear Glass
- Printed in blue colour



Buy Now!

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
115.505.01	10	0.05	0.03	1	4015
115.505.02	25	0.1	0.05	1	4285
115.505.03	50	0.1	0.05	1	4795
115.505.04	100	0.2	0.1	1	6180

Burette, With PTFE key stopcock Class B

- Complies with DIN ISO 385/IS 1997 : 2008
- Comes with Individual Work Certificate clear Glass
- Printed in blue colour



Buy Now!

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
114.522.01	10	0.05	0.05	1	905
114.522.02	25	0.1	0.10	1	910
114.522.03	50	0.1	0.10	1	945



Buy Now!

ASTM-Burettes

Burette, with PTFE Key Stopcock, Class A

- Calibrated at 20°C
- Complies with **ASTM E 287 Specifications.**
- Individual work certificate

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price / Piece
115.451.01	10	0.05	0.02	1	2222
115.451.02	25	0.1	0.03	1	2310
115.451.03	50	0.1	0.05	1	2540
115.451.04	100	0.2	0.1	1	3400

Burette, Fisher Clamp

- Moulded in Polypropylene making it completely corrosion proof
- The spring loaded jack in the middle provides a vice like grip to the Burette and prevents it from slipping
- Two tapered wedges are provided to ensure firm grip on rods having dia 1/2" or 3/8"
- Made from Polypropylene

Item Code	Type	Pack of	Price / Pack
112.303.01	Fisher Clamp - Single	12	1699
112.303.02	Fisher Clamp - Double	6	1205



Buy Now!

**Burette, Clamp**

- Made of Aluminium, die casted, blue painted, black rubber sleeves for firm gripping of burettes.
- With adjustable clamps to hold upto 30 mm, spring type, thumb screw key for retort rods upto 16 mm dia.

Item Code	Type	Pack of	Price / Piece
394.303.01	Single	12	658
394.303.02	Double	6	583



Buy Now!





MS



Buy Now!

Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated,
- Fisher Type with Boss Head, Single

Item Code	Type	Max. Temp.	Pack of	Price / Piece
318.303.01	PVC Sleeve	80°C	12	294
318.303.02	Silicon Sleeve	280°C	12	291



MS



Buy Now!

Burette, Clamp, Mild Steel

- Mild Steel
- Black Powder Coated
- Fisher Type with Boss Head, Single

Item Code	Type	Max. Temp.	Pack of	Price / Piece
319.303.01	PVC Sleeve	80°C	12	268
319.303.02	Silicon Sleeve	280°C	12	262

Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated,
- Fisher Type with Boss Head, Double

Item Code	Type	Max. Temp.	Pack of	Price / Piece
320.303.01	PVC Sleeve	80°C	6	435
320.303.02	Silicon Sleeve	280°C	6	432



Buy Now!



MS

**Burette, Clamp, Mild Steel**

- Mild Steel
- Black Powder Coated,
- Fisher Type with Boss Head, Double

Item Code	Type	Max. Temp.	Pack of	Price / Piece
321.303.01	PVC Sleeve	80°C	6	419
321.303.02	Silicon Sleeve	280°C	6	416



Buy Now!



MS



Burette



Burette, Automatic Zero with Boroflow Stopcock,

- Complies with **DIN ISO 385 standard Class-A**
- Comes with Individual Works Certificate
- With **detachable stopcock** prevents breakage during usage

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
120.523.01	10	0.05	0.03	500	1	7820
120.523.02	25	0.1	0.05	2000	1	7550
120.523.03	50	0.1	0.05	2000	1	8380
120.523.04	100	0.2	0.10	2000	1	9530

Burette, Automatic Zero with Boroflow Stopcock,

- Complies with **DIN ISO 385 standard Class-B**

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
118.522.01	10	0.05	0.05	500	1	5110
118.522.02	25	0.1	0.1	2000	1	4980
118.522.03	50	0.1	0.1	2000	1	5455
118.522.04	100	0.2	0.2	2000	1	6260



Burette, Automatic Zero, Amber, With Boroflow Stopcock,

- Complies with **DIN ISO 385 standard Class-A**
- Comes with Individual Works Certificate
- With detachable stopcock stopper

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
120.523.01A	10	0.05	0.03	500	1	16735
120.523.02A	25	0.1	0.05	2000	1	17925
120.523.03A	50	0.1	0.05	2000	1	19640
120.523.04A	100	0.2	0.10	2000	1	20350

Burette, Automatic Zero, Amber, With Boroflow Stopcock,

- Complies with **DIN ISO 385 standard Class-B.**

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
118.522.01A	10	0.05	0.05	500	1	11505
118.522.02A	25	0.1	0.1	2000	1	11740
118.522.03A	50	0.1	0.1	2000	1	12050
118.522.04A	100	0.2	0.2	2000	1	12360

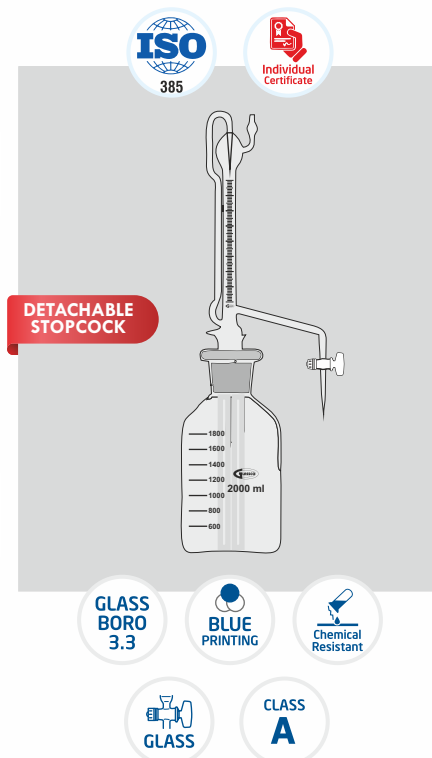
Burette, Automatic, Zero with Glass stopcock

- Complies with **DIN ISO 385 standard Class-A**
- Comes with Individual Works Certificate
- With Detachable stopcock to prevents breakage during usage

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.523.01	10	0.05	0.03	500	1	8165
121.523.02	25	0.1	0.05	2000	1	7975
121.523.03	50	0.1	0.05	2000	1	8925
121.523.04	100	0.2	0.1	2000	1	10150



Buy Now!



Burette, Automatic Zero with Glass stopcock

- Complies with **DIN ISO 385 standard Class-B**
- With Detachable stopcock to prevents breakage during usage

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.522.01	10	0.05	0.05	500	1	5245
121.522.02	25	0.1	0.1	2000	1	5165
121.522.03	50	0.1	0.1	2000	1	5640
121.522.04	100	0.2	0.2	2000	1	6425



Buy Now!



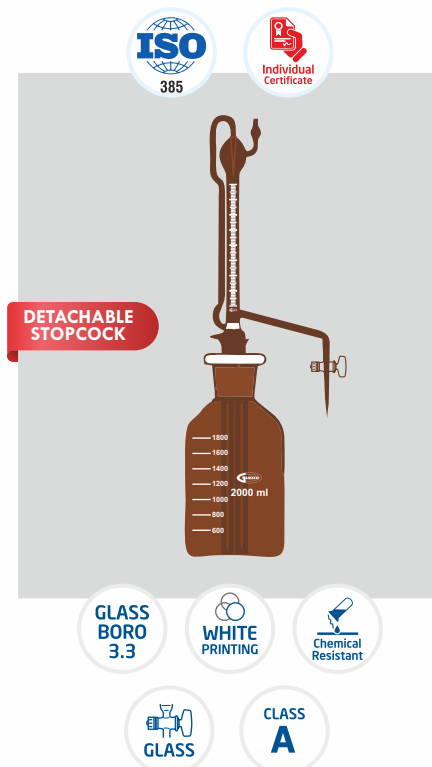
Burette, Automatic, Amber, Zero with Glass stopcock

- Complies with **DIN ISO 385 standard Class-A**
- Comes with Individual Works Certificate
- With Detachable stopcock to prevents breakage during usage

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.523.01A	10	0.05	0.03	500	1	16940
121.523.02A	25	0.1	0.05	2000	1	17950
121.523.03A	50	0.1	0.05	2000	1	19945
121.523.04A	100	0.2	0.10	2000	1	20410



Buy Now!



Burette, Automatic, Amber, Zero with Glass Stopcock

- Complies with **DIN ISO 385 standard Class-B**
- With Detachable stopcock to prevents breakage during usage

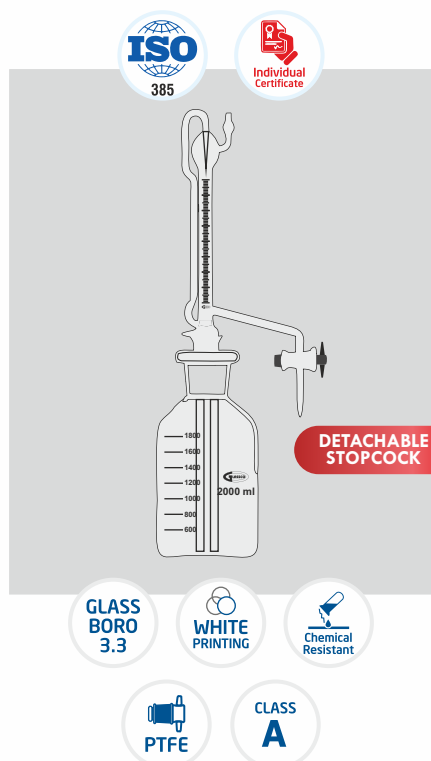
Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.522.01A	10	0.05	0.05	500	1	11820
121.522.02A	25	0.1	0.1	2000	1	11990
121.522.03A	50	0.1	0.1	2000	1	12240
121.522.04A	100	0.2	0.2	2000	1	12825



Buy Now!



Burette



Buy Now!

Burette, Automatic, Zero with PTFE stopcock

- Complies with **DIN ISO 385 standard Class-A**
- With Detachable stopcock to prevents breakage during usage

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01	10	0.05	0.03	500	1	8690
122.523.02	25	0.1	0.05	2000	1	8425
122.523.03	50	0.1	0.05	2000	1	9350
122.523.04	100	0.2	0.1	2000	1	10780

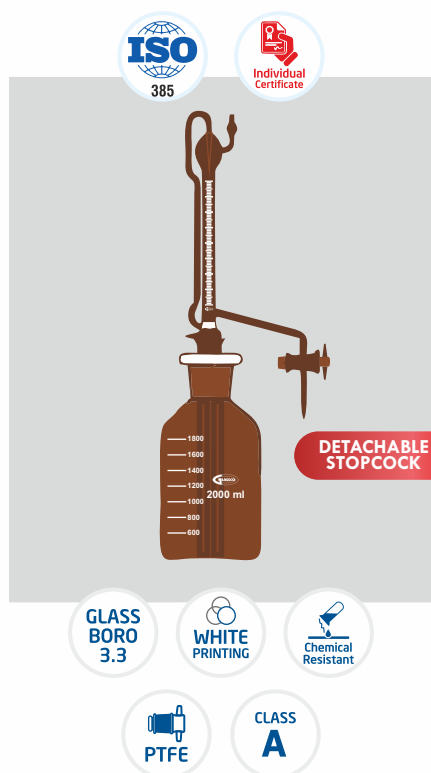
Burette, Automatic, Zero with PTFE stopcock

- Complies with **DIN ISO 385 standard Class-B**
- With Detachable stopcock to prevents breakage during usage

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01B	10	0.05	0.05	500	1	5695
122.523.02B	25	0.1	0.1	2000	1	5570
122.523.03B	50	0.1	0.1	2000	1	5925
122.523.04B	100	0.2	0.2	2000	1	6890



Buy Now!



Buy Now!

Burette, Automatic, Amber, Zero with PTFE stopcock

- Complies with **DIN ISO 385 standard Class-A**
- With Detachable stopcock to prevents breakage during usage

Item Code Class A	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01A	10	0.05	0.03	500	1	17740
122.523.02A	25	0.1	0.05	2000	1	18940
122.523.03A	50	0.1	0.05	2000	1	20740
122.523.04A	100	0.2	0.1	2000	1	21700

Burette, Automatic, Amber, Zero with PTFE Stopcock,

- Complies with **DIN ISO 385 standard Class-B**
- With Detachable stopcock to prevents breakage during usage

Item Code Class B	Cap. (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01AB	10	0.05	0.05	500	1	12175
122.523.02AB	25	0.1	0.1	2000	1	11550
122.523.03AB	50	0.1	0.1	2000	1	11735
122.523.04AB	100	0.2	0.2	2000	1	12210



Buy Now!

Burette, Chloroform Bellow with Cotton Net :

For use with automatic burettes

Item Code	Pack of	Price / Piece
412.303.01	4	273



Buy Now!

**Burette, Atomizer Bulb :**

Typically, an atomizer is used to dispense something in small, controlled amounts

Item Code	Pack of	Price / Piece
413.303.01	4	100



Buy Now!

**Burette, Brush**

Item Code	Type	Material	Pack of	Price / Piece
593.303.07	Burette Brush	Nylon	50	100



Buy Now!



Nylon



Column, Chromatography, Plain

- Simple and economical column - ideal for educational use
- With chemically resistant glass sintered disc - porosity 1
- Made from Boro 3.3 Glass as per ISO 3585



Buy Now!

Item Code	Cap. (ml)	Body O.D. (mm)	Length excluding stem (mm)	Stem O.D. (mm)	Pack of	Price / Piece
218.212.03	30	14	355	8	5	391



Column, Chromatography with PTFE Needle Valve stopcock

- With PTFE Rotaflow stopcock for fine control of eluent flow
- Chemically resistant glass sintered disc - porosity 0
- Ground glass socket accepts reservoirs
- Manufactured from Boro 3.3 Glass



Buy Now!

Item Code	I.D. (mm)	Effective Length (mm)	Socket Size	Pack of	Price / Piece
220.202.01	10	100	14/23	1	834
220.202.02	10	200	14/23	1	834
220.202.03	10	300	14/23	1	834
220.202.04	10	400	14/23	1	874
220.202.05	20	200	19/26	1	949
220.202.06	20	300	19/26	1	949
220.202.07	20	400	19/26	1	989
220.202.08	20	500	19/26	1	1035
220.202.09	26	400	24/29	1	1047
220.202.10	26	500	24/29	1	1093
220.202.11	30	400	29/32	1	1162
220.202.12	30	500	29/32	1	1208
220.202.13	30	400	34/35	1	1403
220.202.14	30	500	34/35	1	1449
220.202.15	40	400	40/38	1	1495
220.202.16	40	500	40/38	1	1576

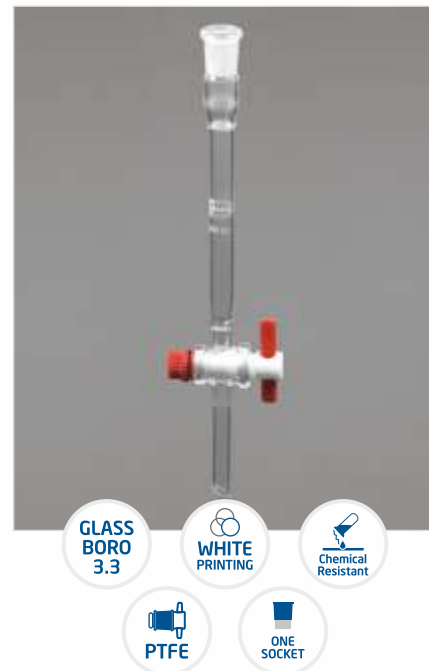
Column, Chromatographic columns with frit and socket

- Made of Boro 3.3 glass
- Chromatographic columns
- With sintered/ frit/ disc (porosity: 0),
- With PTFE stopcock 2 mm bore

Item Code	Effective length (mm)	I.D. (mm)	Cap. (ml)	Stopcock (Description)	N/S	Pack of	Price / Piece
221.212.01	100	10	8	PTFE	14/23	1	1564
221.212.02	200	10	15	PTFE	14/23	1	1564
221.212.03	200	15	35	PTFE	14/23	1	1576
221.212.04	300	10	23	PTFE	14/23	1	1564
221.212.05	400	20	125	PTFE	29/32	1	1909
221.212.07	600	30	430	PTFE	29/32	1	1886



Buy Now!



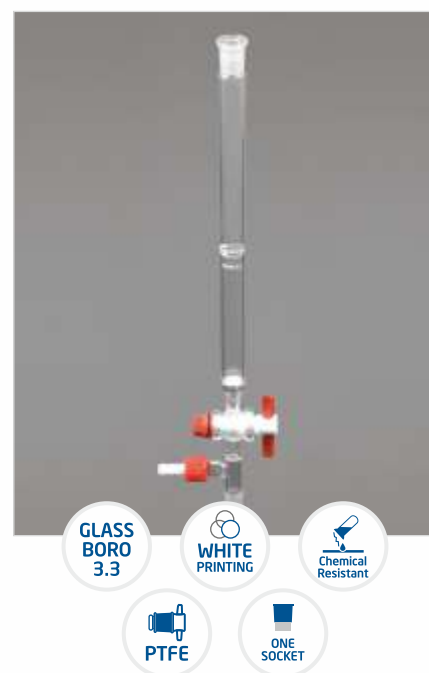
Column, Chromatographic columns with frit,

- With socket and cone
- With PTFE stopcock
- With sintered frit (porosity: 0), with suction tube (thread GL 14)
- Made of Boro 3.3 Glass

Item Code	Effective length (mm)	I.D. (mm)	Capacity (ml)	Socket & Cone (NS)	Pack of	Price / Piece
212.202.02	200	15	35	14/23	1	1737
212.202.04	400	20	120	14/23	1	1806
212.202.04D	400	30	280	29/32	1	2174
212.202.06D	600	30	430	29/32	1	2289



Buy Now!





GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

NEEDLE

ONE
SOCKET



Buy Now!

Column, Chromatographic columns with frit

- Made of Boro 3.3 Glass
- with socket and cone
- with needle-valve stopcock, Boro (0-3mm)
- with sintered frit (porosity: 0), with suction tube (thread GL 14)

Item Code	Effective length (mm)	I.D. (mm)	Capacity (ml)	Socket & Cone (NS)	Pack of	Price / Piece
213.202.02	200	15	35	14/23	1	1012
213.202.04	400	20	120	14/23	1	1064
213.202.04D	400	30	280	29/32	1	1397
213.202.06D	600	30	430	29/32	1	1564



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

PTFE

ONE
SOCKET



Buy Now!

Column, Chromatography

- Heavy wall Design
- General purpose column has a PTFE stopcock and a top outer joint for flash chromatography

Item Code	Socket	Size (mm) OD x Effective Length	Bore (mm)	Pack of	Price / Piece
221.475.01	24/40	17x305	2	1	1679
221.475.02	24/40	32x457	2	1	1898

Column, Chromatography Column with Joint Fritted Disc and PTFE Stopcock

- General purpose column has a PTFE stopcock, a top outer joint and with a coarse porosity fritted disc to support column packing

Item Code	Socket	Size (mm) OD x Effective Length	Bore (mm)	Pack of	Price / Piece
221.477.03	24/40	40x457	2	1	3335



Buy Now!



Column, Chromatography with PTFE Stopcock and Fritted Disc

- With reinforced beaded top, coarse porosity fritted disc to support column packing.
- All columns are heavy wall designed to increase safety.

Item Code	Size (mm) OD x Effective Length	Bore (mm)	Pack of	Price / Piece
221.204.06	40x457	2	1	2036



Buy Now!





GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

ONE
SOCKET

ONE
CONE



Buy Now!

Column, Chromatography with ground cone

- With glass sintered disc - porosity 0
- Upper socket can be connected to a stopcock adapter to control eluent flow
- Manufactured from borosilicate glass

Item Code	I.D. (mm)	Effective length (mm)	Overall length (mm)	Socket Size	Cone Size	Pack of	Price / Piece
223.202.01	18	200	310	24/29	19/26	1	949
223.202.02	18	300	415	24/29	19/26	1	949
223.202.03	18	400	515	24/29	19/26	1	989



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

ONE
SOCKET

ONE
CONE



Buy Now!

Column, acc. to Vigreux With socket and cone

- Made of Boro 3.3 glass
- Without glass jacket, horizontal and lateral indentations

Item Code	Effective length (mm)	Cone and Socket (NS)	Pack of	Price / Piece
197.204.01	100	10/19	1	414
197.204.02	200	10/19	1	483
197.204.05A	300	14/23	1	1081
197.204.05C	300	24/29	1	644
197.204.05D	300	29/32	1	886
197.204.03	360	29/32	1	1012
197.204.06	600	24/29	1	1231
197.204.06A	600	29/32	1	1328

ASTM Sizes



Buy Now!

Item Code	Effective length (mm)	Cone and Socket (NS)	Pack of	Price / Piece
197.470.00	120	14/20	1	449
197.470.09	300	24/40	1	1012



Condenser, Air

- Manufactured from ASTM E-438, Type-1, Class, A Boro 3.3 Glass
- These are used for the condensation of material with boiling point above 150°C

Item Code	Socket Size	Cone Size	Effective Length (mm.)	Pack of	Price / Piece
181.202.01	14/23	14/23	200	1	360
181.202.02	19/26	19/26	200	1	445
181.202.03	24/29	24/29	250	1	645
181.202.04	19/26	19/26	400	1	750
181.202.05	24/29	24/29	500	1	915
181.202.06	34/35	34/35	500	1	1825
181.202.07	19/26	19/26	600	1	800
181.202.08	24/29	24/29	750	1	1245
181.202.09	-	19/26	750	1	860
181.202.10	-	24/29	750	1	880
181.202.11	-	19/26	1000	1	1405
181.202.12	-	24/29	1000	1	1445

PS : All Condensers can be ordered with ASTM Joint Sizes on request.



Buy Now!

GLASS
BORO
3.3

BLUE
PRINTING

Chemical
Resistant

Condensers



Buy Now!

Condenser, Leibig

- Compliance with DIN 12576
- Drip Tip
- Interchangeable Inner & Outer Joints.
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass.

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
182.181.01	14/23	160	14/23	Screw Thread	1	580
182.181.01A	19/26	160	19/26	Screw Thread	1	580
182.181.02	19/26	250	19/26	Screw Thread	1	620
182.181.03*	24/29	250	24/29	Screw Thread	1	620
182.181.03A	29/32	250	29/32	Screw Thread	1	620
182.181.04*	19/26	300	19/26	Screw Thread	1	705
182.181.05*	24/29	300	24/29	Screw Thread	1	705
182.181.06*	29/32	300	29/32	Screw Thread	1	830
182.181.10*	24/29	400	24/29	Screw Thread	1	915
182.181.11	29/32	400	29/32	Screw Thread	1	915

* Non DIN

ASTM Sizes

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
182.481.01	14/20	120	14/20	Screw Thread	1	595
182.481.02	19/22	180	19/22	Screw Thread	1	605
182.481.03	24/40	200	24/40	Screw Thread	1	630
182.481.05	24/40	300	24/40	Screw Thread	1	725



Buy Now!



Buy Now!

Condenser, Leibig

- Compliance with DIN 12576
- Drip Tip
- Interchangeable Inner & Outer Joints.
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass.

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
182.202.01	14/23	160	14/23	Glass	1	525
182.202.01A	19/26	160	19/26	Glass	1	525
182.202.02	19/26	200	19/26	Glass	1	582
182.202.02	19/26	250	19/26	Glass	1	565
182.202.03*	24/29	250	24/29	Glass	1	565
182.202.03A	29/32	250	29/32	Glass	1	565
182.202.04*	19/26	300	19/26	Glass	1	655
182.202.05*	24/29	300	24/29	Glass	1	625
182.202.06*	29/32	300	29/32	Glass	1	780
182.202.10*	24/29	400	24/29	Glass	1	695
182.202.11	29/32	400	29/32	Glass	1	870

* Non DIN

ASTM Sizes

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
182.402.01	14/20	120	14/20	Glass	1	550
182.402.02	19/22	180	19/22	Glass	1	560
182.402.04	24/40	200	24/40	Glass	1	595
182.402.05	24/40	300	24/40	Glass	1	595



Buy Now!

Condenser, Liebig

- Available with Sealed Inner Tube
- Made From Heat Resistant
- Low Expansion 3.3 Borosilicate Glass
- Made from **ASTM E-438**, Type-1, Class-A Boro 3.3 Glass
- Comes with Glass & Plastic screw thread connector
- Highly efficient with large cooling surface
- Suitable for Distillation & Reflux applications.

Item Code	Approx.Jacket Length (mm)	Approx. Overall Height (mm)	Connector	Pack of	Price / Piece
182.407.02	200	345	Glass	1	550
182.407.03	300	445	Glass	1	465
182.407.04	400	545	Glass	1	490
182.407.05	500	645	Glass	1	590



Buy Now!



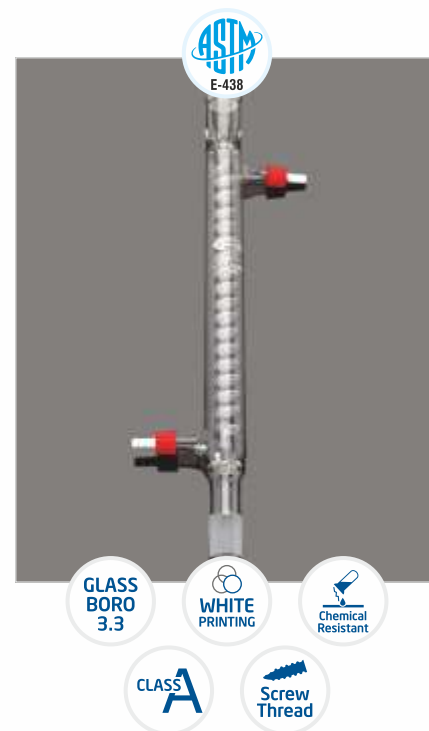
Condenser Coil

- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- Comes with plastic screw thread connector
- Highly efficient with a large cooling surface
- Suitable for Distillation & Reflux applications

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
183.181.01	14/23	160	14/23	Screw Thread	1	855
183.181.01A	19/26	160	19/26	Screw Thread	1	855
183.181.02A	14/23	250	14/23	Screw Thread	1	1025
183.181.03	19/26	250	19/26	Screw Thread	1	1025
183.181.04	24/29	250	24/29	Screw Thread	1	1025
183.181.04A	29/32	250	29/32	Screw Thread	1	1025
183.181.05	24/29	300	24/29	Screw Thread	1	1315
183.181.06	29/32	300	29/32	Screw Thread	1	1315
183.181.07	29/32	400	29/32	Screw Thread	1	1335



Buy Now!



ASTM Sizes

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
183.481.03	24/40	200	24/40	Screw Thread	1	1050
183.481.05	24/40	300	24/40	Screw Thread	1	1365
183.481.07	24/40	400	24/40	Screw Thread	1	1380



Buy Now!

Condensers

Condenser Coil

- Complies with ASTM E 438 type 1 Class A boro 3.3 Glass
- Comes with glass connectors
- Highly efficient with a large cooling surface
- Suitable for Distillation & Reflux applications



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

CLASS
A

Screw
Thread



Buy Now!

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
183.202.01	14/23	160	14/23	GLASS	1	810
183.202.01A	19/26	160	19/26	GLASS	1	810
183.202.02A	14/23	250	14/23	GLASS	1	985
183.202.03	19/26	250	19/26	GLASS	1	985
183.202.04	24/29	250	24/29	GLASS	1	985
183.202.04A	29/32	250	29/32	GLASS	1	985
183.202.05	24/29	300	24/29	GLASS	1	877
183.202.06	29/32	300	29/32	GLASS	1	1290
183.202.08	24/29	400	24/29	GLASS	1	1270
183.202.07	29/32	400	29/32	GLASS	1	918
183.202.09	29/32	500	29/32	GLASS	1	1156

ASTM Sizes

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
183.402.04	24/40	200	24/40	GLASS	1	1010
183.402.05	24/40	300	24/40	GLASS	1	1020
183.402.07	24/40	400	24/40	GLASS	1	1295

Condenser Allihin

- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- Complies with DIN 12581
- Ideal for reflux and comes with glass and plastic screw thread connector
- Inner bulb section provides increased cooling surface and is ideal for Reflux Applications



DIN
12581

GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

CLASS
A

Screw
Thread



Buy Now!

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
190.181.05*	14/23	160	14/23	Screw Thread	1	855
190.181.06	19/26	160	19/26	Screw Thread	1	855
190.181.07*	14/23	250	14/23	Screw Thread	1	920
190.181.08*	19/26	250	19/26	Screw Thread	1	920
190.181.09*	24/29	250	24/29	Screw Thread	1	920
190.181.09A	29/32	250	29/32	Screw Thread	1	995
190.181.10*	24/29	300	24/29	Screw Thread	1	1085
190.181.11*	29/32	300	29/32	Screw Thread	1	1085
190.181.12*	24/29	400	24/29	Screw Thread	1	1235
190.181.13*	29/32	400	29/32	Screw Thread	1	1235

* Non Din

ASTM Sizes

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
190.482.09	24/40	200	24/40	Screw Thread	1	1005
190.482.11	24/40	300	24/40	Screw Thread	1	1020
190.482.13	24/40	400	24/40	Screw Thread	1	1295



Buy Now!

Condenser Allihin

- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- Complies with DIN 12581
- Ideal for reflux and comes with glass and plastic screw thread connector
- Inner bulb section provides increased cooling surface and is ideal for Reflux Applications

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
190.202.05*	14/23	160	14/23	GLASS	1	810
190.202.06	19/26	160	19/26	GLASS	1	810
190.204.06A*	19/26	200	19/26	GLASS	1	875
190.202.07*	14/23	250	14/23	GLASS	1	875
190.202.08*	19/26	250	19/26	GLASS	1	875
190.202.09*	24/29	250	24/29	GLASS	1	875
190.202.09A	29/32	250	29/32	GLASS	1	935
190.202.10*	24/29	300	24/29	GLASS	1	705
190.202.11*	29/32	300	29/32	GLASS	1	1050
190.202.12*	24/29	400	24/29	GLASS	1	897
190.202.13*	29/32	400	29/32	GLASS	1	1205
190.202.14*	29/32	600	29/32	GLASS	1	1258

* Non Din

ASTM Sizes

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
190.402.08	24/40	200	24/40	GLASS	1	915
190.402.10	24/40	300	24/40	GLASS	1	915
190.402.12	24/40	400	24/40	GLASS	1	950

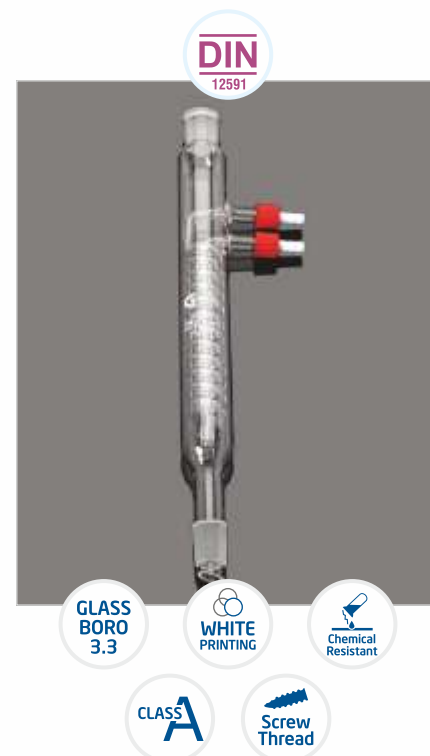


Condenser, Dimroth

- Compliance with DIN 12591
- Manufactured from ASTM E-438, Type-1, Class-A, Boro 3.3 Glass
- The condenser comes with plastic screw thread connector

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
190.181.01A*	14/23	160	14/23	Screw Thread	1	1040
190.181.02A*	19/26	160	19/26	Screw Thread	1	1040
190.181.03A*	19/26	250	19/26	Screw Thread	1	1175
190.181.04A*	24/29	250	24/29	Screw Thread	1	1175
190.181.05A*	29/32	250	29/32	Screw Thread	1	1175
190.181.06A*	24/29	300	24/29	Screw Thread	1	1275
190.181.07A*	29/32	300	29/32	Screw Thread	1	1275
190.181.08A	29/32	400	29/32	Screw Thread	1	1445

* Non Din



Condensers



Buy Now!

Condenser, Dimroth

- Compliance with DIN 12591
- Manufactured from ASTM E-438, Type-1, Class-A, Boro 3.3 Glass
- The condenser comes with glass screw thread connector

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
190.204.01*	14/23	160	14/23	GLASS	1	965
190.204.02*	19/26	160	19/26	GLASS	1	965
190.204.03*	19/26	250	19/26	GLASS	1	1105
190.204.04*	24/29	250	24/29	GLASS	1	1105
190.204.05	29/32	250	29/32	GLASS	1	1105
190.204.06*	24/29	300	24/29	GLASS	1	1205
190.204.07*	29/32	300	29/32	GLASS	1	1205
190.204.08	29/32	400	29/32	GLASS	1	1380

* Non Din



Buy Now!

Condenser, Double Surface

- Made From Heat Resistant Low Expansion 3.3 Borosilicate Glass

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
187.202.03	19/26	200	19/26	GLASS	1	2348
187.202.04	24/29	200	24/29	GLASS	1	3095
187.202.12	19/26	300	19/26	GLASS	1	2496
187.202.13	24/29	300	24/29	GLASS	1	3379

ASTM Sizes



Buy Now!

Item Code	Socket	Effective Length (mm)	Cone	Connector	Pack of	Price / Piece
187.402.01	14/20	110	14/20	GLASS	1	2250
187.402.02	19/22	110	19/22	GLASS	1	2250
187.402.03A	24/40	200	24/40	GLASS	1	3230
187.402.03	19/22	200	19/22	GLASS	1	2995

Condenser, Friedrichs

- Drip Tip
- Interchangeable Inner and Outer Joint
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass.

Item Code	Socket	Overall Height (mm)	Cone	Connector	Pack of	Price / Piece
180.202.10	24/29	350	24/29	GLASS	1	3650



Buy Now!

ASTM Sizes

Item Code	Socket	Overall Height (mm)	Cone	Connector	Pack of	Price / Piece
340.470.01	24/29	330	24/40	GLASS	1	3400



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Condenser, Reflux, Glass Connector

- Coil style reflux condenser with tightly warped coil providing maximum cooling
- Drip Tip

Item Code	Overall Height (mm)	Socket Size	Cone Size	Pack of	Price / Piece
347.470.01	205 MM	14/20	14/20	1	1235
347.470.04	365 MM	24/40	24/40	1	1525



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



Ceramic



Upto
700°C



Buy Now!

Crucible, Porcelain (Euro Design), Squat Form

- Made of Ceramic
- With Lid
- Upto 700°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
522.303.13	2	18	12	6	121
522.303.14	8	32	20	6	142
522.303.15	17	41	26	4	168
522.303.16	30	50	31	4	186
522.303.17	50	61	37	4	224
522.303.18	100	76	46	2	335
522.303.19	150	84	52	2	381



Ceramic



Upto
700°C



Buy Now!

Crucible, Porcelain (Euro Design)

- Made of Ceramic
- With Lid
- Upto 700°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Type	Pack of	Price / Piece
523.303.11	1.3	15	15	Tall Form	6	120
523.303.12	5	24	20	Tall Form	6	133
523.303.13	10	31	26	Medium Form	4	139
523.303.14	15	35	29	Medium Form	4	161
523.303.15	30	45	36	Medium Form	4	186
523.303.16	45	50	40	Medium Form	2	207
523.303.17	50	53	43	Medium Form	2	244
523.303.18	100	65	54	Medium Form	2	329

Crucible, Quartz

- Made of Quartz Gel & Powder,
- Tolerance upto 1000°C

Item Code	Size (ml)	Type	Pack of	Price / Piece
521.303.01	15	Without Lid	4	814
521.303.02	25	Without Lid	4	839
521.303.03	50	Without Lid	2	1349
521.303.04	100	Without Lid	2	2347
521.303.05	15	With Lid	4	1134
521.303.06	25	With Lid	4	1617
521.303.07	50	With Lid	2	2579
521.303.08	100	With Lid	2	3969



Buy Now!



Quartz Gel



Upto 1000°C

TALL FORM

Crucible, Silica

- With Lid
- Goes upto 700°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
518.303.01	15	41	25	6	761
518.303.02	25	47	28	6	835
518.303.03	50	57	37	6	1466
518.303.04	80	67	45	4	2411
518.303.05	100	71	50	4	3009
518.303.06	150	82	51	4	3486



Buy Now!



SiO2



Upto 700°C

LOW FORM

Crucibles



SiO₂

Upto
700°C

LOW FORM



Buy Now!

Crucible, Silica

- Without Lid
- Goes upto 700°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
519.303.01	15	41	25	6	381
519.303.02	25	47	28	6	431
519.303.03	50	57	37	6	798
519.303.04	80	67	45	4	1344
519.303.05	100	71	50	4	1720
519.303.06	150	82	51	4	2097



SS

Grade
202

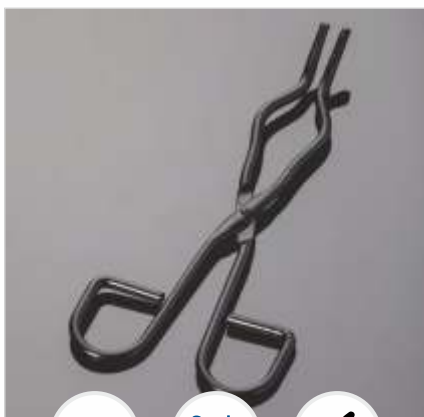


Buy Now!

Crucible, Tong

- Made of SS, Grade 202

Item Code	Size (mm)	Pack of	Price / Piece
355.303.01	150	4	168
355.303.02	200	4	215
355.303.03	250	4	311
355.303.04	300	4	393
355.303.05	375	4	525
355.303.06	450	4	624
355.303.07	600	4	1327



SS

Grade
202

Black Paint



Buy Now!

Crucible, Tong

- Made of mild steel
- Black painted/chrome plated

Item Code	Size (mm)	Type	Pack of	Price / Piece
367.303.01	150	Black Painted	4	144
367.303.02	200	Black Painted	4	164
367.303.03	300	Black Painted	4	310
367.303.04	150	Chrome Painted	4	148
367.303.05	200	Chrome Painted	4	164
367.303.06	300	Chrome Painted	4	288

Crucible, Holders

- Available set of 7

Item Code	Type	Pack of	Price / Piece
416.303.01	Set of 7, made of Natural Rubber	1	402
416.303.02	Set of 7, made of Silicon	1	1226


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Silicone

Crucible, Filter, With Sintered Disc

- Made from ASTM E-438 type-1 Class A Boro 3.3 glass

Item Code	Porosity	Capacity (ml)	Pack of	Price / Piece
255.G00.01	0	15	10	403
255.G01.01	1	15	10	403
255.G02.01	2	15	10	393
255.G03.01	3	15	10	403
255.G04.01	4	15	10	403
255.G05.01	5	15	10	500
255.G00.02	0	30	10	540
255.G01.02	1	30	10	540
255.G02.02	2	30	10	535
255.G03.02	3	30	10	540
255.G04.02	4	30	10	530
255.G05.04	5	30	10	664
255.G00.03	0	50	10	629
255.G01.03	1	50	10	629
255.G02.03	2	50	10	623
255.G03.03	3	50	10	623
255.G04.03	4	50	10	635
255.G05.03	5	50	10	787


[Buy Now!](#)
GLASS
BORO
3.3WHITE
PRINTINGChemical
Resistant

LOW FORM

Cylinders



Buy Now!

Cylinder, Measuring, Class A

- Complies as per DIN EN ISO 4788
- With hexagonal base
- With individual work certificate

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	Price / Piece
139.523.00A	5	0.1	0.05	1	490
139.523.01A	10	0.2	0.10	1	560
139.523.02A	25	0.5	0.25	1	640
139.523.03A	50	1.0	0.50	1	775
139.523.04A	100	1.0	0.50	1	880
139.523.04B*	150	1.0	1.00	1	1180
139.523.05A	250	2.0	1.00	1	1340
139.523.06A	500	5.0	2.50	1	1805
139.523.07A	1000	10.0	5.00	1	2220
139.523.08A	2000	20.0	10.00	1	4355

* Non DIN



Buy Now!

Cylinder, Measuring, Class A NABL

- Complies as per DIN EN ISO 4788
- With hexagonal base
- With individual work certificate

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	Price / Piece
139.505.01A	10	0.2	0.10	1	1215
139.505.02A	25	0.5	0.25	1	1440
139.505.03A	50	1.0	0.50	1	1690
139.505.04A	100	1.0	0.50	1	1960
139.505.05A	250	2.0	1.00	1	2975
139.505.06A	500	5.0	2.50	1	4050
139.505.07A	1000	10.0	5.00	1	4995
139.505.08A	2000	20.0	10.00	1	9565

Cylinder, Measuring, Graduated Class B, Hex Base

- Complies with **DIN EN ISO 4788**
- Printed in Blue colour

Item Code	Capacity (ml)	Sub division (ml)	Pack of	Price / Piece
138.522.00A	5	0.1	2	270
138.522.01A	10	0.2	2	315
138.522.02A	25	0.5	2	375
138.522.03A	50	1.0	2	410
138.522.04A	100	1.0	2	465
138.522.04B*	150	1.0	2	635
138.522.05A	250	2.0	2	845
138.522.06A	500	5.0	2	1105
138.522.07A	1000	10.0	1	1670
138.522.08A	2000	20.0	1	3210

* Non DIN



Buy Now!



Cylinder, Measuring, Class A, Hexa Base, Serialized

- Complies as per USP Standards
- With individual work certificate
- Printed in Amber colour

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	Price / Piece
139.221.00A	5	0.1	0.05	1	575
139.221.01A	10	0.2	0.10	1	665
139.221.02A	25	0.5	0.15	1	755
139.221.03A	50	1.0	0.25	1	915
139.221.04A	100	1.0	0.50	1	1030
139.221.05A	250	2.0	1.00	1	1465
139.221.06A	500	5.0	1.50	1	1945
139.221.07A	1000	10.0	3.00	1	2380
139.221.08A	2000	20.0	6.00	1	4505



Buy Now!



Cylinders



Cylinder, Measuring, Class A

- Complies as per **USP Standards**
- With Detachable PP base
- Protection collar individual works
- Calibrated at 20°C



Buy Now!

Item Code	Capacity (ml)	Tolerance (± ml)	Pack of	Price / Piece
137.221.02	10	0.10	1	665
137.221.03	25	0.15	1	710
137.221.04	50	0.25	1	810
137.221.05	100	0.50	1	955
137.221.06	250	1.00	1	1330
137.221.07	500	1.50	1	1935
137.221.08	1000	3.00	1	2450



Cylinder, Measuring, Class B

- With detachable PP base
- With protection collar
- Printed in Blue colour.



Buy Now!

Item Code	Capacity (ml)	Tolerance (± ml)	Pack of	Price / Piece
137.502.02	10	0.200	10	265
137.502.03	25	0.500	10	325
137.502.04	50	1.000	10	400
137.502.05	100	1.000	10	455
137.502.06	250	2.000	10	575
137.502.07	500	5.000	1	705
137.502.08	1000	10.00	1	1175

Cylinder, Mixing, Class A

- Complies as per DIN EN ISO 4788 standards
- With Penny Head & PP stopper
- With hexagonal base
- With individual work certificate.

Item Code	Capacity (ml)	Tolerance (± ml)	Sub Division	Stopper Size	Pack of	Price / Piece
142.576.01	10	0.10	0.2	10/19	1	895
142.576.02	25	0.25	0.5	14/23	1	1020
142.576.03	50	0.50	1.0	19/26	1	1150
142.576.04	100	0.50	1.0	24/29	1	1375
142.576.05	250	1.00	2.0	29/32	1	2145
142.576.06	500	2.50	5.0	34/35	1	2775
142.576.07	1000	5.00	10.0	45/40	1	3385
142.576.08	2000	10.00	20.0	45/40	1	5345



Buy Now!



Cylinder, Mixing, Class A

- Complies as per DIN EN ISO 4788 standards
- NABL Certified
- With Penny Head & PP stopper
- With hexagonal base
- With individual work certificate.



Item Code	Capacity (ml)	Tolerance (± ml)	Sub Division	Stopper Size	Pack of	Price / Piece
142.508.01	10	0.10	0.2	10/19	1	1470
142.508.02	25	0.25	0.5	14/23	1	1835
142.508.03	50	0.50	1.0	19/26	1	2045
142.508.04	100	0.50	1.0	24/29	1	2215
142.508.05	250	1.00	2.0	29/32	1	2975
142.508.06	500	2.50	5.0	34/35	1	3685
142.508.07	1000	5.00	10.0	45/40	1	5430
142.508.08	2000	10.00	20.0	45/40	1	7245



Buy Now!



Cylinders



Cylinder, Mixing, Class B

- Complies as per DIN EN ISO 4788 standards
- With hexagonal base Penny Head & PP stopper



Buy Now!

Item Code	Capacity (ml)	Tolerance (± ml)	Sub Division	Stopper Size	Pack of	Price / Piece
142.509.01	10	0.20	0.2	10/19	1	460
142.509.02	25	0.50	0.5	14/23	1	520
142.509.03	50	1.00	1.0	19/26	1	580
142.509.04	100	1.00	1.0	24/29	1	715
142.509.05	250	2.00	2.0	29/32	1	1190
142.509.06	500	5.00	5.0	34/35	1	1660
142.509.07	1000	10.00	10.0	45/40	1	2395
142.509.08	2000	20.00	20.0	45/40	1	4130



Cylinder, Tapped Density Cylinder as per USP

- Complies as per **USP 616**
- Used in tapped density apparatus to measure bulk density of powders



Buy Now!

Item Code	Capacity (ml)	Pack of	Price / Piece
139.520.01A	100 & 250	1 Each	2695

Cylinder, Tapped Density Cylinder as per USP 616



Buy Now!

Item Code	Capacity (ml)	Pack of	Price / Piece
139.521.04A	100	2	1430

Cylinder, Tapped Density Cylinder as per USP 616



Buy Now!

Item Code	Capacity (ml)	Pack of	Price / Piece
139.521.05A	250	2	1650

Cylinder, Nessler

- For colour comparison CLASS B Graduated

Item Code	Capacity (ml)	Sub Division	Pack of	Price / Piece
143.502.01B	50	25 & 50	10	200
143.502.02B	100	50 & 100	10	285



Buy Now!



GLASS
BORO
3.3

BLUE
PRINTING

Chemical
Resistant

CLASS
B

Cylinder, Rain Measure, Metric Scale, Graduated, With Round Base

- Complies with IS 4849
- Manufactures with chemically resistance 3.3 borosilicate glass
- Graduation in white enamel
- The cylinders are graduated to indicate rainfall in mm when used with appropriate rain collector

Item Code	Size mm	Used for Collector Area cm ²	Graduation Interval mm	Tolerance $\pm$ mm	Pack of	Price / Piece
139.500.01	20	200	0.2	0.05	5	1300
139.500.02	20	100	0.2	0.10	10	1515



Buy Now!



IS
4849

GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Riders/Bumpers for cylinders

Item Code	Bumper for Cylinders (ml)	Pack of	Price / Piece
136.202.01	5	100	48
136.202.02	10	100	48
136.202.03	25	100	48
136.202.04	50	100	48
136.202.05	100	100	59
136.202.06	250	50	75
136.202.07	500	50	86
136.202.08	1000	25	91
136.202.09	2000	10	102



Buy Now!



Cylinders



Cylinder, Measuring, Hexagonal

- Made from Polypropylene
- These are now available with hexagonal base also
- The hexagonal base provides excellent stability to the cylinder where as the tapered spout works really while pouring any reagent

Item Code	Capacity (ml)	Least Count (ml)	Pack of	Price /Pack
177.303.01	10	0.2	24	3639
177.303.02	25	0.5	12	2167
177.303.03	50	1	12	2446
177.303.04	100	1	12	3130
177.303.05	250	2	6	2491
177.303.06	500	5	4	2171
177.303.07	1000	10	2	1409

Cylinder, Brush



Nylon

Item Code	Type	Material	Pack of	Price /Piece
593.303.05	Cylinder Brush	Nylon	50	79

Desiccator, With Lid, Plain

- Complies with DIN 12491
- Die pressed
- Neutral Glass with Porcelain perforated plate

Item Code	I.D.(mm)	Pack of	Price /Piece
249.202.01	150	1	3916
249.202.02*	210	1	6578
249.202.03	250	1	9196
249.202.04	300	1	18555

* Non DIN



Desiccator, With Lid, Vacuum

- Complies with DIN 12491
- Die Pressed
- Neutral Glass with Porcelain Perforated Plate and Glass Sleeve

Item Code	I.D.(mm)	Pack of	Price /Piece
250.202.01	150	1	7233
250.202.02*	210	1	11105
250.202.03	250	1	17853
250.202.04	300	1	23826

* Non DIN



Dishes

Manufactured from ASTM E 438 TYPE 1 Class A BORO 3.3 GLASS. These dishes are as per DIN and USP standards. The dishes are printed in white colour and have marking area to use with ordinary pencil.



Dish, Crystallizing, without Spout

- Complies with DIN 12337
- Made of Boro 3.3 Glass, Heat & Chemical resistance Glass

Item Code	Diameter x Height (mm)	Pack of	Price /Piece
246.202.01	40x 25	10	142
246.202.02	50x30	10	151
246.202.03	60x35	10	179
246.202.04	70x40	10	246
246.202.05	80x45	10	269
246.202.06	95x55	10	480
246.202.07	115x65	10	588
246.202.08	140x75	10	860
246.202.09	190x90	10	1410



Dish, Crystallizing, with Spout

- Complies with DIN 12338
- Made of Boro 3.3 Glass, Heat & Chemical resistance Glass

Item Code	O.D. x Height (mm)	Pack of	Price /Piece
246.202.01S	40x25	10	153
246.202.02S	50x30	10	170
246.202.03S	60x35	10	198
246.202.04S	70x40	10	263
246.202.05S	80x45	10	282
246.202.06S	95x55	10	437
246.202.07S	115/65	10	633
246.202.08S	140x75	10	778
246.202.09S	190x90	10	1271

Dish, Evaporating

- Complies with DIN 12336
- Manufactured from Boro 3.3 glass
- High resistance to chemical attack and thermal shock
- Flat base
- Curved sides with spout

Item Code	Approx Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price /Piece
247.202.00	15	50	25	10	280
247.202.00B	45	60	30	10	375
247.202.01	90	80	45	10	425
247.202.02	170	95	55	10	454
247.202.02C*	290	105	55	10	587
247.202.02A	320	115	65	10	558
247.202.03D	600	140	80	10	1008
247.202.03A*	1500	150	80	10	1120
247.202.04*	2500	200	100	10	2081

* Non DIN



Dish, Evaporating, Euro Design

- Made of Porcelain
- Goes upto 700°C

Item Code	Capacity (ml)	OD x Height (mm)	Pack of	Price /Piece
528.303.07	35	60 x 24	6	137
528.303.08	70	75 x 30	6	149
528.303.09	80	80 x 30	6	163
528.303.10	120	94 x 42	6	168
528.303.11	150	100 x 42	6	181
528.303.12	250	115 x 45	4	192
528.303.13	385	145 x 48	4	438
528.303.14	525	162 x 51	2	650
528.303.15	765	185 x 54	2	1339





GLASS
BORO
3.3

WHITE
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Chemical
Resistant

Dish, Petri, Manufactured from BORO 3.3 Glass

- Withstand repeated Autoclaving

Item Code	O.D. x Height (mm)	Pack of	Price /Piece
248.202.01	50 x 17	10	204
248.202.02	80 x 17	10	263
248.202.03	100 x 17	10	308
248.202.04	150 x 20	10	756
248.202.05	200 x 20	10	1650

Dish, Petri, SG Line

Item Code	O.D. x Height (mm)	Pack of	Price /Piece
248.203.03	90 x 15	36	110
248.203.04	100 x 15	36	112



121°C
SSSS

Unbreakable

Dish, Petri (Disposable)

- These transparent, ready to use, disposable Petri Dishes
- Made of optically clear, non-toxic, Polystyrene

Item Code	Size (mm)	Pack of	Price /Pack
159.303.01	90	36	520

Dish, Rack For Petri Dish

- Made from Polymethyl Methacrylate / Polycarbonate
- Clear acrylic construction with white Polycarbonate Posts
- Capacity to hold 60 petri dishes of 90 mm size
- Useful during inoculation, incubation & Storage
- Visibility from all sides enables the culture to be seen & checked during incubation

Item Code	Size (mm)	Pack of	Price /Pack
160.303.01	90	2	3407
160.303.02	60	2	3171



Dish, Pestle & Mortar, Euro Design

- Made of Porcelain
- Goes upto 700°C

Item Code	I.D. x Height (mm)	Pack of	Price /Piece
529.303.08	60 x 44	6	205
529.303.09	75 x 48	4	242
529.303.10	85 x 55	4	284
529.303.11	100 x 70	4	394
529.303.12	117 x 75	4	520
529.303.13	125 x 88	2	599
529.303.15	150 x 100	1	756
529.303.16	175 x 115	1	1538
529.303.17	200 x 140	1	1607





GLASS
BORO
3.3

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Chemical
Resistant

Distilling Apparatus, Ammonia, With Graham condenser

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- Interchangeable Joints
- With Splash Head 24/29, 19/26
- With Kjeldahl flask 500ml 24/29
- With Coil condenser 200mm 19/26

Item Code	Capacity (ml)	Pack of	Price /Piece
340.202.03	500	1	3542



GLASS
BORO
3.3

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Chemical
Resistant

Distilling Apparatus, With Graham Condenser

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- Interchangeable Joints & Stopper
- Flat bottom distillation flask 500 ml 24/29, 19/26
- With Coil condenser 200mm 19/26

Item Code	Cap. (ml)	Coil Condenser (mm)	Interchangeable Joint	Pack of	Price / Piece
341.202.03	500	200	19/26	1	3506

Distilling Apparatus, with Friedrichs Condenser

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- Interchangeable Joint and Stopper

Item Code	Capacity (ml)	Interchangeable Joint	Pack of	Price /Piece
342.202.03	2000	24/29	1	4306



Distilling Apparatus, Compact with Friedrichs Condenser

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- Interchangeable Joint

Item Code	Capacity (ml)	Interchangeable Joint	Pack of	Price /Piece
343.202.04	1000	34/35	1	4244



Distillation



GLASS
BORO
3.3



Alcohol Distillation Unit

- Ideal for Alcohol Distillation

Item Code	Capacity (ml)	Pack of	Price /Piece
347.202.01	1000	1	10192

RM Value Apparatus

- To be Used in Dairy Industries for the Analysis of Oil & Waxes

Item Code	Capacity (ml)	Pack of	Price /Piece
348.202.01	300	1	2000



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BORO
3.3

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Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- For Oil Heavier Than Water
- Round bottom Flask 1000ml-24/29
- Liebig condenser 300mm-24/29, without socket

Item Code	Capacity (ml)	Pack of	Price /Piece
226.202.01	1000	1	8141

Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- For Oil Lighter Than Water
- Round bottom flask 1000ml-24/29
- Liebig condenser 300mm-24/29, without sockets
- Dean Stark 10 ml

Item Code	Capacity (ml)	Pack of	Price /Piece
227.202.01	1000	1	8141



Distilling Apparatus, Dean and Stark

- Moisture Test
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- Round bottom Flask 1000ml-24/29
- Liebig condenser 300mm-19/26
- Dean Stark 10 ml

Item Code	Capacity (ml)	Pack of	Price /Piece
227.202.01A	10	2 Set	2921



Distillation

Short Path Distillation Kit *New*

- Boiling Flask 2 & 10 Ltr
- With Compression Cap
- Used for distillation of large volumes.
- Made from borosilicate 3.3 glass.
- White printing

Item Code	Capacity (Ltr.)	Pack of	Price /Piece
351.202.00	2	1	45600
351.202.02	10	1	49700



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Chemical
Resistant

Sr. No.	Capacity (2 Ltr.)	Capacity (10 Ltr.)	Qty (Pcs)
1.	Round bottom flask 2000ml three neck, parallel, centre socket 24/40, side sockets 34/45	Round bottom flask 10000ml three neck, parallel, centre socket 24/40, side sockets 34/45	1
2.	Recovery flask, 500ml, socket 24/40	Recovery flask, 2000ml, socket 24/40	6
3.	Distillation still head with double surface coil condenser effective length 85mm. cone 24/40, with GL 14 cap for thermometer inlet & cone to fit flask 34/45	Distillation still head with double surface coil condenser effective length 85mm. cone 24/40, with GL 14 cap for thermometer inlet & cone to fit flask 34/45	2
4.	Adapter distilling receiver 100ml without hose connection cow type design socket 24/40 cone 24/40	Adapter distilling receiver 250ml without hose connection cow type design socket 24/40 cone 24/40	2
5.	Adapter inlet/thermometer joint 24/40 with compression cap and O'ring.	Adapter inlet/thermometer joint 24/40 with compression cap and O'ring.	1
6.	Conical joint clips keck pom 24/40 (green)	Conical joint clips keck pom 24/40 (green)	8
7.	Conical joint clips keck pom 34/45 (orange)	Conical joint clips keck pom 34/45 (orange)	2
8.	Glass caps 24/40 with flat bottom for distillation receiver	Glass caps 24/40 with flat bottom for distillation receiver	4
9.	Screw thread cap GL-14 with liner	Screw thread cap GL-14 with liner	6

Analog

Digital

Compatible Heating Mantle options



For more information
Please visit **Page No. 209 & 210**

Short Path Distillation Head *New*

- Glass Connector to connect rubber tube of ID 8.0 mm
- PP Screw Cap GL-14 to carry Thermometer

Item Code	Pack of	Price /Piece
345.402.01	1	16490



Buy Now!



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Chemical
Resistant

Kjeldhal Distillation Unit *New*

- Kjeldhal Flask 500ml, Socket 24/29
- Conical Flask 250ml
- With Plastic hose connection, straight
- Adapter Multiple Socket 19/26, Cone 24/29
- Dropping Funnel with cone 19/26 & Leibig condenser 350mm
- Adapter slash head 19/26 & Receiver adapter straight steam

Item Code	Keck Joint	Screw Thread	Pack of	Price /Piece
1194.000.05	19/26 & 24/29	GL-14	1	19700



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BORO
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Chemical
Resistant



GLASS
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Chemical
Resistant



Buy Now!

Moisture Determination Unit *New*

- Dean Stark Graduated 2ml, Socket 19/26, Cone 24/29
- Liebig Condenser 200mm, Cone 19/26 without socket
- Round Bottom Flask 250ml 24/29

Item Code	Keck Joint	Pack of	Price /Piece
465.000.01	19/26 & 24/29	1	19700



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BORO
3.3

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Chemical
Resistant



Buy Now!

Inhaler Testing Kit *New*

- Gas Wash Bottle 500ml, Socket 29/32
- PP Screw Cap GL-28 & Keck clamp 14/23, 24/29, 29/32
- With 50ml Round Bottom Flask with cone 24/29 & socket 29/32
- Conical Flask 250ml, with socket 24/29
- Round Bottom angular Flask 100ml

Item Code	Pack of	Price /Piece
345.525.03	1	45600

Mancozeb Assembly Set *New*

- Round Bottom Flask 100ml 24/29
- Liebig condenser 150mm 24/29
- Dip Tube, Trap & Absorber 10/19'

Item Code	Pack of	Price /Piece
228.202.01A	1	18800



Buy Now!



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BORO
3.3

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Chemical
Resistant

Fractional Distillation Equipment *New*

- Round Bottom Flask 250ml, Socket 29/32
- Vigreux 320mm with NS 29/32,29/32
- Adapter, Still head plain socket 29/32, Cone 29/32,29/32
- Condenser Liebig 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C

Item Code	Keck Joint	Pack of	Price /Piece
328.202.02	29/32	1	17750



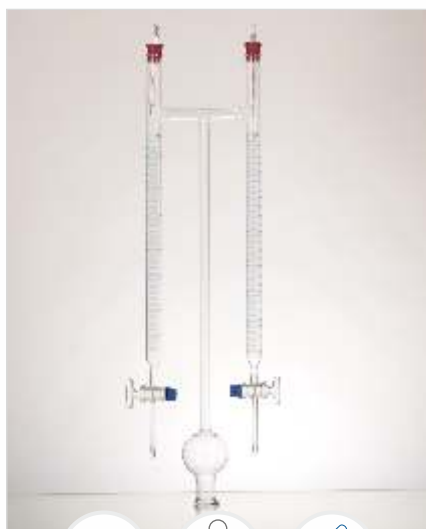
Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



Buy Now!

Hoffman Voltameter *New*

Item Code	Pack of	Price /Piece
325.202.01	1	7500



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



Buy Now!

Simple Distillation Equipment Set *New*

- Round Bottom Flask 250ml, NS 29/32
- Adapter, Still head plain socket 29/32, Cone 29/32, 29/32
- Condenser Liebig 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C

Item Code	Pack of	Price /Piece
328.202.01A	1	7500

Extractor Apparatus

- Complete with condenser & flasks

Item Code	Extractor cap.(ml)	Extractor Socket	Extractor Cone	Flask Cap.	Condenser Type	Connector	Pack of	Price / Piece
210.502.03	60	34/35	24/29	150	Allihin	Glass	1	1720
210.502.04B	100	40/38	24/29	250	Allihin	Glass	1	2035
210.502.04	100	45/40	29/32	250	Allihin	Glass	1	1870
210.502.06A	200	50/42	24/29	500	Allihin	Glass	1	3509
210.502.06	250	45/40	29/32	500	Allihin	Glass	1	3235
210.502.08	500	60/46	29/32	1000	Allihin	Glass	1	9600
210.502.09	1000	71/51	29/32	2000	Allihin	Glass	1	15450
210.202.12	100	45/40	29/32	250	Dimroth	Screw Thread	1	3005
210.202.13	150	45/40	29/32	250	Dimroth	Screw Thread	1	3345
210.202.14	250	45/40	29/32	500	Dimroth	Screw Thread	1	3575
210.202.15	500	60/46	29/32	1000	Dimroth	Screw Thread	1	7260
210.202.16	1000	71/51	29/32	2000	Dimroth	Screw Thread	1	11860

PS : For ordering of instruments used with glass see page no 192,193 & 203

Available with

Single Soxhlet Extraction Unit

Extraction unit metal stand with heating mantle

Model No. (230V, 50Hz)	Capacity (ml)	Watts	Dimension	No. of Position of regulator	Price / Piece
1100.DNEU.02	100	150	280x210x520	1/1	14900
1100.DNEU.03	250	150	280x210x520	1/1	15100
1100.DNEU.04	500	200	280x210x520	1/1	15300



1101.EU

Single Soxhlet Extraction Unit with Stirrer

Extraction unit metal stand with heating mantle stirrer

Model No. (230V, 50Hz)	Capacity (ml)	Watts	No. of Position of regulator	Price / Piece
1600.DNEU.01*	100	170	1/1	20200
1600.DNEU.02*	250	170	1/1	20500
1600.DNEU.03*	500	220	1/1	21900

*Also Available with 3 Position & 6 Position Heating Mantle

Please refer to page no 214-215



1601.EU

Extractor

Item Code	Capacity (ml)	Socket	Cone	Pack of	Price / Piece
211.202.03*	60	34/35	24/29	1	840
211.202.04B*	100	40/38	24/29	1	1210
211.202.04	100	45/40	29/32	1	1280
211.202.06A*	200	50/42	24/29	1	1520
211.202.06	250	45/40	29/32	1	1445
211.202.08	500	60/46	29/32	1	3235
211.202.09	1000	71/51	29/32	1	4105

* Non DIN



GLASS BORO 3.3

WHITE PRINTING

Chemical Resistant



DIN 12602

GLASS BORO 3.3

WHITE PRINTING

Chemical Resistant

Extraction Apparatus

Condensers Allihin for Soxhlet Apparatus

- Manufactured from ASTM E-438, Type-1, Class-A boro 3.3 Glass
- This condenser come with glass screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of	Price / Piece
191.202.01	45/40	300	100	Glass	1	960
191.202.01A	45/40	400	250	Glass	1	990
191.202.02	60/46	400	500	Glass	1	1690
191.202.03	71/51	400	1000	Glass	1	2005



Condensers Allihin for Soxhlet Apparatus

- Manufactured from ASTM E-438, Type-1, Class-A boro 3.3 Glass.
- This condenser come with plastic screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of	Price / Piece
191.181.01	45/40	300	100	Screw Thread	1	1065
191.181.01A	45/40	400	250	Screw Thread	1	1065
191.181.02	60/46	400	500	Screw Thread	1	1705
191.181.03	71/51	400	1000	Screw Thread	1	2005





GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Condenser, Dimroth for Soxhlet Apparatus

- Manufactured from ASTM E-438, Type-1, Class-A
- Made from Boro 3.3 Glass
- This condenser come with glass screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of	Price / Piece
192.202.01	45/40	300	100	Glass	1	1475
192.202.01A	45/40	400	250	Glass	1	1475
192.202.02	60/46	400	500	Glass	1	1785
192.202.03	71/51	400	1000	Glass	1	2225



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Screw
Thread

Condenser, Dimroth for Soxhlet Apparatus

- Manufactured from ASTM E-438, Type-1, Class-A
- Made from Boro 3.3 Glass
- This condenser come with screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of	Price / Piece
192.181.01	45/40	300	100	Screw Thread	1	1490
192.181.01A	45/40	400	250	Screw Thread	1	1490
192.181.02	60/46	400	500	Screw Thread	1	1790
192.181.03	71/51	400	1000	Screw Thread	1	2220

Glassco Brand sintered glassware is used for the filtration of liquids and gases in the laboratory it incorporates a porous glass disc as a filter media, which is non corrosive and reusable. It is also used for gas washing dispersion and adsorption.

Sintered disc is manufactured by crushing Borosilicate glass, powdering, cleaning, separating into various mesh size and then fusing together in the form of a disc. The sintered disc is graded into 5 grades-G1, G2, G3, G4, and G5. The grades are classified by maximum pore size, which is obtained by measuring pressure at which the first air bubble breaks away from filter under certain conditions. The pressure differential is then used to calculate the equivalent capillary diameters in microns. The desired pore size is obtained by suitable controlling the grain size, firing time, temperature and the thickness of the. Each disc is tested and graded individually.

The pore diameters are reasonably uniform, which ensures required flow rate through the filter.

the flow rate further depends on pressure differential between the two sides of the disc, free area of the discs, viscosity of the fluid being filtered etc. between different discs of same size and grade, there is a fair amount of uniformity in pore size and hence the results from two or more discs of the same size and grade will be uniform. This ensures reproducible analytical results.

The discs have maximum surface hardness and hence glass powder does not get scraped off during cleaning or with chemicals. Filters do not shed particles during usage.

The discs are sealed to tubing without blocking the pores. They are annealed properly in automatically controlled lehrs.

POROSITY GRADES AND THEIR GENERAL USE

Porosity Grade	Pore Size (Microns)	General use
1	90-150	Filtration of coarse materials/precipitates, gas Dispersion, gas washing, extractor bed, support for other filter materials.
2.	40-90	Filtration of medium precipitates gas dispersion, gas washing.
3.	15-40	Filtration of fine grain precipitates. Analytical work With medium precipitates mercury filtration.
4.	5-15	Analytical work with fine and very fine precipitates. Non return mercury valves.
5.	1-2	Bacteriological filtration.

Chemical Durability

Glassco Sintered ware is produced from the same high quality material from which all Glassco Brand borosilicate laboratory glassware are manufactured and thus, have excellent resistance to chemical attack.

Operating Pressure

The sintered discs and the glassco are incorporated they are mainly designed for the application of vacuum or for passage of gases at a relatively low pressure. In all cases the differential pressure must not exceed 100 KN/m² (15psi).

Thermal Characteristics

The resistance to thermal shock of sintered ware is comparatively less as compared to standard Lab glassware. Therefore, articles of sintered ware should not be subjected to excessive temperature changes nor to direct flames.

Glassco Sintered crucibles are particularly suited for drying to constant weight. Dry sintered crucibles at room temperature can be placed directly into a drying oven at 150° C, although customary practice is to dry at 110° C. Sintered ware may safely be heated in furnace to 500° C without ill effect, provided that the cycle of heating and cooling is gradual strains caused by excessive temperature of apparatus.

Sintered ware of porosity grades 4 and 5 when cold and damp should never be subjected to a sudden temperature change since the evolution of steam may set up sufficient pressure within the filter, to crack it.

Filtration apparatus should be kept on its rim (stem upwards) in oven or sterilizer, A perforated support base is advantageous for air convection in case pipeline filters. Care should be taken by use of heat insulating material such as asbestos to avoid premature near filter seal. Apparatus should remain in the oven of sterilizer during cooling to avoid too fast cooling rate.

Cleaning of Sintered Ware

New sintered filters should be washed carefully with hot hydrochloric acid and then rinsed with distilled water before they are used. This treatment will ensure that all loose particles are removed from the filter.

It is recommended that all sintered filters are thoroughly cleaned "immediately" after use. This is the most favorable time for ease of cleaning and will ensure less risk of contamination in subsequent use

Many precipitates can be removed from the filter by back flushing with water. However, great care must be taken with large diameters and fine filter, as positive pressures on the reverse side may break the filter.

Under no circumstances, should sintered apparatus be subjected to mains water pressure when back flushing as in most instances will a vacuum pump is also effective.

Filters clogged by dust and dirt dust and gas filtration can be restored by treatment with a warm detergent solution followed by blowing clean air from the clean side of the filter. Dirt particles are brought to the surface by the foam and removed by rinsing with water.

Some precipitates may clog filter which may be removed by chemical cleaning as given below.

Clean the porous glass fit of the filter support by back flushing with warm water & then soaking overnight in a chromic acid cleaning solution.

Follow the soaking with another back flushing. After cleaning thoroughly, rinse the components with clean water & air dry. Do not wipe with paper or cloth, which may leave traces of fibers & lint

All Glass Filter Holder

For 47 mm Disc Filters

Specifications:

Materials of Construction	Borosilicate glass funnel and base; anodized aluminum spring clamp; silicone stopper
260.202.01	Coarse-frit glass filter support
261.202.01	PTFE-faced funnel and base
262.202.01	Stainless steel screen filter support
Filter Diameter, mm	47
Filtration Area, cm ²	9.6
Funnel Capacity, mL	300; accessory 1 L is available
Prefilter Diameter, mm	35 (thick depth prefilter) or 47 (membrane prefilter)
Outlet Fitting	No. 8 perforated silicone stopper mounts in standard 1 L and 4 L filtering flasks
Dimensions	
Height, cm	22.9
Diameter, cm	7.6
Sterilization Method	
260.202.01 and 261.202.01	30 UV sterilize or autoclave without filter in-place
262.202.01	Autoclave with filter in-place



Applications :

Use 260.202.01 for

- Bacteriological analysis of water (using 47 mm sterile membrane filters) Analysis of suspended solids in water (using 47 mm depth filters)

Use 261.202.01 for

- Bacteriological analysis applications where autoclaving filter holder with membrane in place needed

Use 262.202.01 for

- Particulate contamination analysis of oils and hydraulic fluids by gravimetric or particulate counting methods Exfoliative cytology applications

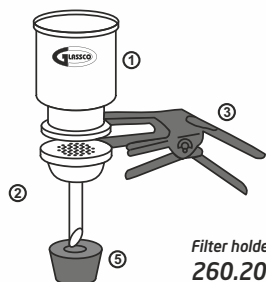
Use 258.202.01 for

- Used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis
Recommended for HPLC solvent filtration



Glass Filter Holders

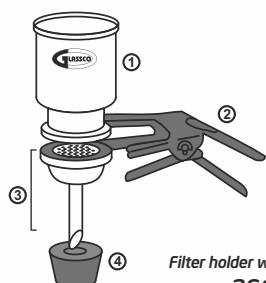
For 47 mm Disc Filters



Replacement Parts:

1. Funnel 300 ml
2. Base 47 mm Frit
3. Clamp 47 mm
5. Stopper 8 No.

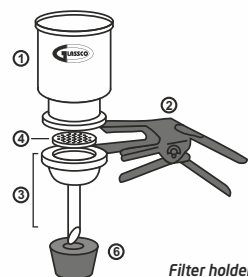
Filter holder with glass filter support,
260.202.01



Replacement Parts:

1. Funnel 300 ml Teflon Coated
2. Clamp 47 mm
3. Base 47 mm Frit Teflon Coated
4. Stopper 8 No.

Filter holder with PTFE-faced filter support, **261.202.01**



Replacement Parts:

1. Funnel 300 ml
2. Clamp 47 mm
3. Base 47 mm
4. Screen 47 mm
5. PTFE Gasket
6. Stopper No. 8

Filter holder with stainless steel screen filter support, **262.202.01**



VACUUM FILTERING FLASK

Ordering Information:

Cat No.	Description	Price	Per Piece
260.202.01	Glass filter holder assembly with funnel, fritted base, stopper, clamp, 47 mm	8537	

Replacement Parts:

258.245.01	Glass funnel, 300 ml, borosilicate	3608	
260.245.02	Base for 47 mm glass/filter holder	3944	
258.245.02	Spring clamp, 47 mm, aluminum	2992	
260.245.05	No. 8 perforated stopper, silicone	455	

Cat No.	Description	Price	Per Piece
261.202.01	Glass filter holder assembly, PTFE-coated, with PTFE coated funnel and PTFE coated base, stopper no. 8 clamp 47 mm, Frit	11666	

Replacement Parts: PTFE-faced Glass Filter Holder

261.245.01	Funnel, PTFE-faced, 300 ml	3336	
258.245.02	Spring clamp, 47 mm, aluminum	2992	
261.245.03	Glass base, PTFE-faced, 47 mm	5597	
260.245.05	No. 8 perforated stopper, silicone	455	

Cat No.	Description	Price	Per Piece
262.202.01	Glass filter holder with stainless steel screen, 47 mm	8355	

Replacement Parts: Stainless Screen Glass Filter Holder

258.245.01	Glass funnel, 300 ml, borosilicate	3608	
258.245.02	Spring clamp, 47 mm, aluminum	2992	
262.245.03	Glass base, 47 mm	4714	
262.245.04	Support screen, 47 mm, stainless steel	837	
262.245.05	Gasket, PTFE	101	
260.245.05	No. 8 perforated stopper, silicone	455	

Optional Accessories

260.245.04	Vacuum filtering flask, 1 Ltr	880	
260.245.06	Vacuum filtering flask, 2 Ltr	1692	
260.245.08	Vacuum filtering flask, 4 Ltr	4456	

VACUUM FILTERING FLASK HAS TO BE ORDER SEPARATELY

All-Glass Filter Holder

For 47 mm Disc Filters

Specifications:

Materials

258.202.01

Filter Diameter, mm

Filtration Area, cm²

Funnel Capacity, ml

Outlet Fitting

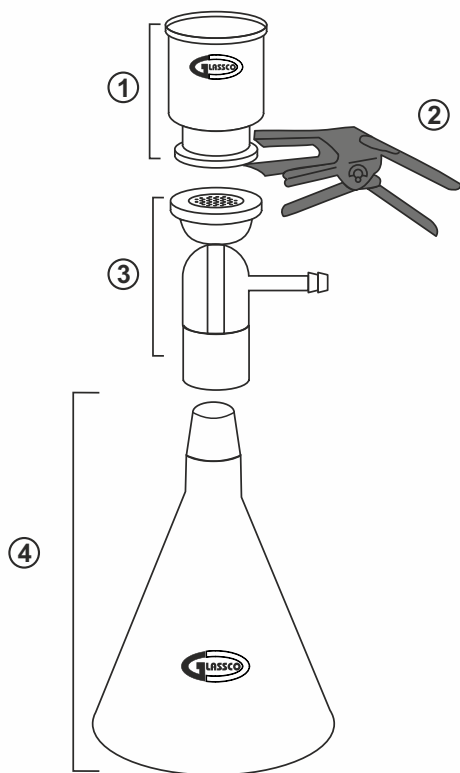
Borosilicate glass funnel, base and tubulated cap; anodized aluminum spring clamp; fritted glass filter support

47

9.6

Funnel: 300 ml; flask: 1 Lt

6 mm (1/4 in.) O.D. tubulated cap sidearm to vacuum



Ordering Information:

Cat No.	Description	Price Per Piece
258.202.01	All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, ground joint flask 1 Ltr.	15770

Cat No.	Description	Price Per Piece
258.284.01	All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, ground joint flask 2 Ltr.	19270

Replacement Parts

Cat No.	Description	Price Per Piece
258.245.01	Glass funnel, 300 ml, Borosilcate	3970
258.245.02	Spring clamp, 47 mm, aluminum	3290
258.245.03	Glass Base & Cap, 47 mm	5180
258.245.04	Flask, 1000ml for Filter Holder	4435
258.245.04A	Flask, 2000ml for Filter Holder	8497

Optional Accessories:

Cat No.	Description	Price Per Piece
263.245.06	Bottles Vacuum 2L	14355
263.245.07	Bottles Vacuum 5L	28853



263.245.07



263.245.06

Replacement Parts:

- 1 Funnel 300 ml
- 2 Clamp 47 mm
- 3 Vacuum Base 47 mm with Sintered Disc
- 4 Ground Joint Flask 1000 ml

Glass Microanalysis Filter Holders

For 25 mm Disc Filters

Applications :

- Used to filter under vacuum/small volumes for particulate or biological contamination analysis
- Available in fritted glass or stainless steel
- Thick prefilters or laminated filters will not seal in this holder
- Use Durapore (PVDF) membrane or unlaminated PTFE for solvent applications with this apparatus.

Specifications:

Materials

259.202.01	Borosilicate glass funnel and base; fritted glass filter support; anodized aluminum spring clamp; silicone stopper
259.202.03	Borosilicate glass funnel and base; removable stainless steel screen filter support; anodized aluminum spring clamp; silicone stopper
Filter Diameter, mm	25
Filtration Area, cm ²	2.5
Funnel Capacity, ml	15
Outlet Fitting flask	No. 5 perforated silicone stopper mounts in standard 125 ml filtering flask
Dimensions	
Height, cm	15.2
Diameter, cm	2.5

Ordering Information:

Cat No.	Description	Price per Piece
259.202.01	Microanalysis Filter Holder, 25 mm, fritted glass support with Flask	7485

Replacement Parts

259.245.01	Funnel, 15 ml, borosilicate glass	1845
259.245.02	Fritted Glass Base with stopper, 25 mm	4010
259.245.03	Spring Clamp, 25 mm, aluminum	2270
259.245.06	No. 5 perforated stopper, silicone	303

Cat No.	Description	Price Per Piece
259.202.03	Microanalysis Filter Holder, 25 mm, stainless steel support with Flask	7200

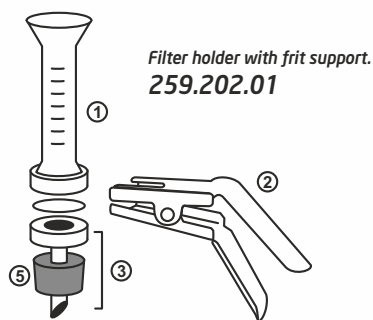
Replacement Parts

259.245.01	Funnel, 15 ml, borosilicate glass	1845
259.245.03	Spring Clamp, 25 mm, aluminum	2270
259.245.05	Base stopper & stainless steel screen	2222
259.245.06	No. 5 perforated stopper, silicone	303
259.245.07	Gaskets, Teflon	102
259.245.08	Support Screen, 25 mm, stainless steel	743

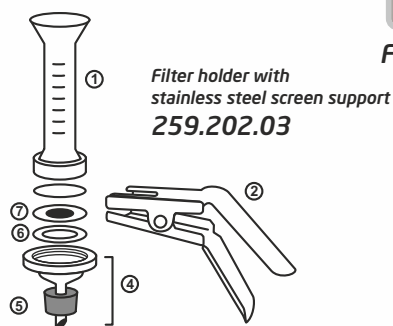
Optional Accessories

259.245.04	Vacuum filtering flask, 125 ml	2760
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VACUUM FILTERING FLASK HAS TO BE ORDER SEPARATELY



Filter Flask 125 ml



All-Glass Filter Holder

(90 mm)

Applications :

- Used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis
- Recommended for HPLC solvent filtration.

Specifications:

Materials	Borosilicate glass funnel, base and tubulated cap; PTFE-coated stainless steel screen; anodized aluminum spring clamp
Filter Diameter, mm	90
Funnel Capacity, L	1
Outlet Fitting	6 mm (1/4 in.) O.D. tubulated cap sidearm to vacuum



Ordering Information:

Cat. No.	Description	Price	Per Piece
263.202.01	Glass Filter Holder with stainless steel screen, 90 mm	26455	

Replacement Parts

Cat. No.	Description	Price	Per Piece
263.245.01	Funnel, 1L, 90 mm, ground glass seal	13380	
263.245.02	Vacuum Base and Cap, 90 mm	9790	
263.245.03	Stainless Steel Screen, PTFE coated, 90 mm	5280	
263.245.04	Gasket, PTFE 90 mm	165	
263.245.05	Spring Clamp, 90 mm anodized aluminum	7730	

Optional Accessories

Cat. No.	Description	Price	Per Piece
258.245.04	Ground Joint Flask, 1 L	4435	
263.245.06	Bottle Vacuum 2 L	14355	
263.245.07	Bottle Vacuum 5 L	28853	
258.245.09	Ground Joint Flask 5 L	35904	



258.245.04



263.245.07

Vacuum Pump



Salient Features:

- Valves made of SS 316 material Built-in micro suction filter
- All parts made from special graded Aluminum die cast material for light weight and good strength
- Totally oil-free construction
- No lubricant required
- Diaphragms are made of special 2-ply nylon reinforced neoprene rubber.
- Noiseless performance
- Extra large bearings for trouble-free and smooth running.
- Absolutely portable
- Practically maintenance –free



Buy Now!

Item Code	Volt	Hz	Price /Piece
970.DNEU.01	230	50	24500

Technical Specification :

Material	Aluminum Die Cast
Vacuum	22" Hg
Flow	15 (Ltrs/Min)
Pressure	25 Psig
Connection	10 mm Hose
Weight	2.5 Kg
Motor	1/20 hp
Dimension	150x110x140

Vacuum Filtration Manifold



Vacuum Filtration Manifold is an integrated filtration system having a prime application in filtering multiple samples off one vacuum source. It is without filter holders. It is perfectly supported on stainless steel manifold with rugged side supports which keeps the system rigid and firm even while fully loaded. Holder equipped with a funnel SS lid, which can be vented using accessory filter unit. Can be autoclaved or flame-sterilised.

Item Code	Volt	Hz	Price /Piece
252.202.01	230	50	44000

Vacuum Filter Holders and Filtration Accessories for use in :

- Use For filtration of chromatography mobile phases and particulate contamination analysis.
- For vacuum filtration of aqueous, organic or corrosive liquids.
- Useful for Bacteriological or Particulate Contamination Analysis

Technical Specification :

Material	Stainless Steel SS316
Valve Type	PTFE
Line Type	2 Way
Out Let	8x13 Hose
Available Range	3 Branch
Polish	Mirror
Connecter	1/2" Hose (12mm)
Filter Type	47mm
Autoclave	121°C (15 Min)
Seal	Silicone
Cork Size	Cork No. 8
Capacity	300 ml
Effective Filtration Area	13.5 Cm ²

Also available in :

**6 Station Vacuum
Filtration Manifold**

Flasks



Flask, Clear, Conical, Graduated, (Erlenmeyer) Narrow Mouth

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with ISO 1773
- Has Reinforced thick Rim to reduce chipping & breakage

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
231.202.01	25	42	22	75	10	96
231.202.02	50	51	22	90	10	96
231.202.03	100	64	22	105	10	100
231.202.03A*	150	74	28	118	10	125
231.202.04	250	85	34	145	10	150
231.202.05	500	105	34	180	10	215
231.202.06	1000	131	42	220	10	365
231.202.07	2000	166	50	280	6	635
231.202.08	3000	187	50	310	1	1770
231.202.09	5000	220	50	365	1	2810

*Non DIN



Flask, Amber, Conical, Graduated, (Erlenmeyer) Narrow Mouth

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with ISO 1773
- Has Reinforced thick Rim to reduce chipping & breakage

Item Code	Capacity (ml)	Body dia (mm)	Tube dia (mm)	Height (mm)	Pack of	Price /Piece
231.519.03	100	64	22	105	10	190
231.519.03A*	150	74	28	118	10	230
231.519.04	250	85	34	145	10	270
231.519.05	500	105	34	180	10	435
231.519.06	1000	131	42	220	10	740

*Non DIN



Flask, Graduated, Erlenmeyer, Narrow Mouth

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- These flasks are made from thick wall and have reinforced thick beaded rim
- The flasks are produced to meet ASTM E-1404, TYPE-1 specifications
- All the flasks are printed in white enamel

Item Code	Capacity (ml)	Sub Division (ml)	Graduation Range	Rubber Stopper Size	Pack of	Price / Piece
231.402.01	25	5	10-25	0	12	105
231.402.02	50	10	20-50	1	12	105
231.402.03A	125	25	50-125	5	12	125
231.402.04	250	25	50-225	6	12	150
231.402.04A	300	25	100-300	6	12	165
231.402.05	500	50	100-500	7	6	220
231.402.06	1000	50	250-1000	9	6	360
231.402.07	2000	100	600-2000	10	4	615
231.402.08A	4000	250	1000-4000	10	1	1720
231.402.09	6000	500	1500-6000	10	1	2730

Flask, Heavy, Conical (Erlenmeyer) Narrow Mouth

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with ISO 1773
- All the flasks are printed in white enamel
- Has Reinforced thick Rim to reduce chipping & breakage

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
231.237.01	25	42	22	75	10	145
231.237.02	50	51	22	90	10	155
231.237.03	100	64	22	105	10	190
231.237.03A*	150	74	28	118	10	200
231.237.05	250	85	34	145	10	265
231.237.07	500	105	34	180	10	400
231.237.08	1000	131	42	220	10	800
231.237.09	2000	166	50	280	6	1155
231.237.10	3000	187	50	310	1	1930
231.237.12	5000	220	50	365	1	2980

* Non DIN



Buy Now!



Flask, Conical (Erlenmeyer) Wide Mouth

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Compliance with ISO 24450
- All the flasks are printed in white enamel
- Has Reinforced thick Rim to reduce chipping & breakage

Item Code	Capacity (ml)	Body dia (mm)	Tube dia (mm)	Height (mm)	Pack of	Price /Piece
232.202.01*	25	42	31	70	10	96
232.202.02	50	51	34	85	10	98
232.202.03	100	64	34	105	10	117
232.202.05	250	85	50	140	10	162
232.202.07	500	105	50	175	10	248
232.202.08	1000	131	50	220	10	431
232.202.09*	2000	166	72	276	6	686

* Non DIN



Buy Now!





Buy Now!

Flask, Filter

- With Glass Connector
- Made from heavy wall which can withstand high vacuum
- Printed in white colour enamel without Graduation

Item Code	Capacity (ml)	Pack of	Price /Piece
074.202.00	50	2	235
074.202.01	100	2	350
074.202.02	250	2	515
074.202.03	500	2	615
074.202.04	1000	2	950
074.202.05	2000	1	1895
074.202.08	5000	1	6890



Buy Now!

Flask, Buchner, plain side arm and ground socket

- Complies with DIN ISO 3585
- Buchner filter flasks with precision-ground quick fit socket
- With traditional plain glass side-arm to accept 9mm bore vacuum tubing
- Heavy wall and base construction for vacuum work

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of	Price / Piece
074.205.01B	100	19/26	107	70	2	390
074.205.01C	100	24/29	107	70	2	390
074.205.02	250	24/29	158	85	2	545
074.205.02A	250	29/32	158	85	2	545
074.205.03	500	24/29	188	105	2	625
074.205.03A	500	29/32	188	105	2	625
074.205.04	1000	24/29	238	138	2	1825
074.205.04A	1000	29/32	238	138	2	1825

Flask, Conical, With Joint

- Complies with ISO 4797
- Ideal for mixing liquids

Item Code	Capacity (ml)	Socket Size	Overall Height	Overall Dia (mm)	Pack of	Price /Piece
071.202.06	25	14/23	70	42	10	175
071.202.07	25	19/26	70	42	10	195
071.202.08	50	14/23	85	51	10	180
071.202.09	50	19/26	85	51	10	180
071.202.10*	50	24/29	85	51	10	180
071.202.10A*	50	29/32	85	51	10	220
071.202.11	100	14/23	100	64	10	205
071.202.12	100	19/26	100	64	10	205
071.202.13	100	24/29	100	64	10	205
071.202.14	100	29/32	100	64	10	260
071.202.15*	150	19/26	118	72	10	230
071.202.16*	150	24/29	118	72	10	230
071.202.17*	150	29/32	118	72	10	230
071.202.17A*	200	29/32	131	79	10	230
071.202.18	250	19/26	140	85	10	230
071.202.19	250	24/29	140	85	10	230
071.202.20	250	29/32	140	85	10	285
071.202.21A*	300	29/32	156	87	10	285
071.202.22	500	19/26	175	105	10	325
071.202.22A	500	24/29	175	105	10	325
071.202.23	500	29/32	175	105	10	325
071.202.25	1000	24/29	220	131	10	605
071.202.26	1000	29/32	220	131	10	605
071.202.27	1000	34/35	220	131	10	650
071.202.28	2000	29/32	270	166	6	880
071.202.29	2000	34/35	270	166	6	880
071.202.30	3000	45/40	310	187	1	2150
071.202.31	5000	45/40	365	220	1	2150

* Non Din



Flask, Iodine

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Determination of Iodine with ground joint and stopper

Item Code	Capacity (ml)	Joint Size	Pack of	Price / Piece
072.202.01	250	24/29	2	310
072.202.02	250	29/32	2	315
072.202.03	500	24/29	2	385
072.202.04	500	29/32	2	370





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Flask, Erlenmeyer with Joint

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- These Flasks comes with Ground Joint & manufactured as per ASTM E-1404, Type 2, Class-1 requirement
- The Flasks are printed in white colour enamel

Item Code	Capacity (ml)	Joint Size	Pack of	Price / Piece
071.470.04*	10	14/20	2	185
071.470.06*	25	14/20	2	185
071.470.09*	50	14/20	2	195
071.202.50	50	19/38	2	195
071.470.10A*	50	24/40	2	205
071.470.51A*	125	19/22	2	220
071.202.51	125	24/40	2	220
071.202.52	250	24/40	2	240
071.202.52A*	300	24/40	2	265
071.202.53	500	24/40	2	340
071.202.54	1000	24/40	1	645
071.202.55	2000	24/40	1	920

* Non ASTM Standard



Buy Now!

Flask, Conical

- Made from DIN ISO 3585, Boro 3.3 heat resistance glass
- Compliance with ISO 4797
- With Ground Joint
- Supplied with Penny Head Glass stopper

Item Code	Capacity (ml)	Neck Size	Dia. (mm)	Height (mm)	Pack of	Price / Piece
076.276.01	25	14/23	42	70	2	225
076.276.02	50	19/26	51	85	2	268
076.276.01A	100	24/29	64	100	2	292
076.276.01	100	29/32	64	100	2	295
076.276.04B	250	29/32	85	140	2	345
076.276.05	500	24/29	105	175	2	486
076.276.05B	500	29/32	105	175	2	481
076.276.06	1000	29/32	131	220	2	686
076.276.07	2000	29/32	166	270	1	975

Flask, Erlenmeyer, with Screw Cap

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- The screw cap is made from Polyethylene which is Autoclavable
- Comes with PTFE Liner.

Item Code	Capacity (ml)	Thread Size	Dia (mm)	Pack of	Price / Piece
075.202.01	50	GL 25	51	2	265
075.202.02	100	GL 25	64	2	285
075.202.03	150	GL 25	72	2	325
075.207.04	250	GL 45	85	2	375
075.207.05	500	GL 45	105	2	460
075.207.06	1000	GL 45	131	2	890
075.207.07	2000	GL 45	166	2	1270
075.207.10	5000	GL 45	220	2	5990



Buy Now!



Flask, Erlenmeyer, Conical, Narrow Mouth

- Compliance with ISO 4797
- Made From Heat Resistant
- With Interchangeable Stopper
- Suitable for mixing of liquids
- The Amber colour is applied only to the external surface to prevent contamination with the testing material
- These flasks can be closed with a glass stopper
- Coloured in Amber to protect light-sensitive material

Item Code	Capacity (ml)	Interchangeable Joint	Pack of	Price / Piece
076.502.00	25	14/23	2	365
076.502.01	50	19/26	2	374
076.502.02	100	24/29	2	457
076.502.03	250	24/29	2	566
076.502.04	500	24/29	2	930



Buy Now!





Flask, Culture, Baffled, Heavy Wall, with Membrane Cap

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Ideal for Use of in preparation of culture
- The four equidistant baffles provide consistent agitation when used with compatible orbital shakers
- Suitable for repeated autoclave cycles at 121°C



Buy Now!

Item Code	Capacity (ml)	Bulb Dia. (mm)	Height (mm)	Thread GL Size (mm)	Pack of	Price / Piece
075.212.04	250	85	145	45	2	2090
075.212.05	500	105	180	45	2	2300
075.212.06	1000	131	220	45	2	3250
075.212.07	2000	166	280	45	1	4050



Flask, Culture, Haffkine

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Used for Preparation of Culture in Nutrient Media
- Suitable for use in Polenske Apparatus
- Complies with IS 7183 Standard



Buy Now!

Item Code	Capacity (ml)	Approx O.D x Height	Pack of	Price /Piece
235.207.07	3000*	245 x 280	1	3120
235.207.08	4000	246 x 310	1	3706

*3000 ml not covered in standards

Flask, Distillation

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with ASTM E-133, ASTM D-86, D-233, D-801, D 802 & E 1405

Item Code	Capacity (ml)	Dia. (mm)	Height (mm)	Side Dia (mm)	Arm Length	Pack of	Price / Piece
073.202.03*	100	65	215	7	100	2	285
073.205.01	125	68	215	7	100	2	285
073.202.04	250	85	226	9	130	2	460
073.202.05*	500	105	240	9	130	2	550

* Non ASTM



Buy Now!



Flask, Distillation

- Complies with **ASTM D-86** Standard
- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- With 19/26 Joint

Item Code	Capacity (ml)	Dia. (mm)	Height (mm)	Side Dia (mm)	Arm Length	Pack of	Price / Piece
073.206.01	125	68	215	8	100	2	485



Buy Now!



Flask, Evaporating

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Used in Rotary Evaporator



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Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Pack of	Price /Piece
069.502.01	50	29/32	95	2	1115
069.502.02	100	24/29	110	2	1640
069.502.03	100	29/32	110	2	1745
069.502.04	250	24/29	135	2	2445
069.502.05	250	29/32	135	2	2595
069.502.06	500	24/29	160	2	2825
069.502.07	500	29/32	160	2	2940
069.502.08	1000	24/29	190	2	4935
069.502.09	1000	29/32	190	2	5110
069.502.10	2000	29/32	235	1	6655

GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Flask, Conical

- Made of Polypropylene
- Are Rigid, Translucent & Autoclavable
- Screw cap keeps the contents of flask contamination Free and leakproof



Buy Now!

Item Code	Capacity (ml)	Pack of	Price /Pack
111.303.01	100	12	1123
111.303.02	250	12	1363
111.303.03	500	12	2266



Threads should be disengaged before autoclaving.

Screw
Cap

5
PP

121°C
SSSS

Leakproof

Flask, Flat Bottom, Narrow Neck

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- With beaded rim
- Complies with DIN/ISO 1773

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
235.202.01	50	51	26	90	10	119
235.202.02	100	64	26	105	10	130
235.204.02*	150	74	28	115	10	140
235.202.03	250	85	34	138	10	150
235.204.03*	300	93	34	143	10	212
235.202.04	500	105	34	163	10	248
235.202.05	1000	131	42	190	10	378
235.202.06	2000	166	50	230	6	723
235.202.07*	3000	185	50	250	1	1943
235.202.08*	5000	233	50	290	1	3067
235.202.09	10000	280	65	360	1	7215
235.202.10*	20000	350	75	495	1	12011

* Non DIN



Buy Now!



Flask, Flat Bottom, Wide Neck

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- With beaded rim
- Complies with DIN/ISO 24450

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
236.202.01	50	51	34	90	10	120
236.202.02	100	64	34	105	10	130
236.202.03	250	85	50	138	10	145
236.202.04	500	105	50	163	10	245
236.202.05	1000	131	50	190	10	335
236.202.06	2000	166	76	230	6	690



Buy Now!



Flask, Boiling, Flat Bottom, with Joint

- Complies with DIN / ISO 4797 and USP standard



Buy Now!

Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Dia (mm)	Pack of	Price / Piece
058.202.00*	50	14/23	85	51	10	190
058.202.01	50	19/26	85	51	10	190
058.202.02*	50	24/29	85	51	10	190
058.202.02A	50	29/32	85	51	10	190
058.202.03B*	100	14/23	103	64	10	190
058.202.03	100	19/26	103	64	10	190
058.202.04*	100	24/29	103	64	10	190
058.202.05	100	29/32	103	64	10	190
058.202.07*	150	19/26	115	74	10	240
058.202.08*	150	24/29	115	74	10	225
058.202.09*	150	29/32	115	74	10	225
058.202.11A*	250	14/23	130	85	10	225
058.202.11	250	19/26	130	85	10	225
058.202.12*	250	24/29	130	85	10	225
058.202.13	250	29/32	130	85	10	225
058.202.14*	250	34/35	130	85	10	225
058.202.15*	500	19/26	160	105	10	345
058.202.16*	500	24/29	160	105	10	345
058.202.17	500	29/32	160	105	10	345
058.202.18*	500	34/35	160	105	10	345
058.202.19A*	1000	19/26	187	131	10	345
058.202.19*	1000	24/29	187	131	10	465
058.202.20	1000	29/32	187	131	10	465
058.202.21*	1000	34/35	187	131	10	465
058.202.22*	2000	24/29	230	166	6	835
058.202.23	2000	29/32	230	166	6	835
058.202.24*	2000	34/35	230	166	6	835
058.202.25*	3000	29/32	250	185	1	2355
058.202.25A*	3000	34/35	250	185	1	2355
058.202.25B*	3000	45/40	250	185	1	2355
058.202.26B*	5000	29/32	290	223	1	3845
058.202.26A*	5000	34/35	290	223	1	3845
058.202.26*	5000	45/40	290	223	1	3845

* Non Din

PS : These flasks can also be provided in other joint sizes

Flask, Boiling, Flat Bottom with Joint

- These Flasks comes with Ground Joint manufactured as per
- ASTM E-1403 type 1 specifications.
- The Flasks are printed in white colour enamel



Buy Now!

Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Dia (mm)	Pack of	Price / Piece
058.202.56	50	24/40	95	51	2	195
058.202.58	100	24/40	110	64	2	195
058.202.58A	125	24/40	110	69	2	200
058.202.58C	200	24/40	123	75	2	245
058.202.59	250	24/40	130	85	2	245
058.202.59A	300	24/40	140	88	2	245
058.202.60	500	24/40	160	105	2	355
058.470.23	1000	29/42	178	131	1	470
058.202.61	1000	24/40	205	131	1	470
058.202.62	2000	24/40	178	166	1	885

Flask, Boiling, Round Bottom, Narrow Neck

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with ISO 1773
- With beaded rim

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
233.202.01	50	51	26	95	10	115
233.202.02	100	64	26	110	10	129
233.203.02*	150	74	28	118	10	141
233.202.03	250	85	34	143	10	141
233.202.04	500	105	34	168	10	248
233.202.05	1000	131	42	200	10	337
233.202.06	2000	166	50	240	6	745
233.202.07*	3000	185	50	260	1	1921
233.202.08*	5000	223	50	305	1	3029
233.202.09	10000	279	65	380	1	6328
233.202.10*	20000	350	75	510	1	11858

* Non DIN



Buy Now!



Flask, Boiling, Round Bottom, Wide Neck

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with ISO 24450
- With beaded rim

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
234.202.01	50	51	34	95	10	125
234.202.02	100	64	34	110	10	149
234.202.03	250	85	50	143	10	167
234.202.04	500	105	50	168	10	265
234.202.05	1000	131	50	200	10	360
234.202.07	2000	166	76	240	6	810



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Buy Now!

Flask, Boiling, Round Bottom, Single Neck with Joint

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with DIN / ISO 4797 & USP standard

Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Dia (mm)	Pack of	Price / Piece
057.202.05	25	14/23	85	41	10	195
057.202.06*	25	19/26	85	41	10	195
057.202.07*	25	24/29	85	41	10	195
057.202.08	50	14/23	90	51	10	195
057.202.09	50	19/26	90	51	10	195
057.202.10	50	24/29	90	51	10	195
057.202.10A	50	29/32	90	51	10	195
057.202.11	100	14/23	105	64	10	195
057.202.12	100	19/26	105	64	10	195
057.202.13	100	24/29	105	64	10	195
057.202.14	100	29/32	105	64	10	195
057.202.16*	150	19/26	137	75	10	250
057.202.17*	150	24/29	137	75	10	250
057.202.18*	150	29/32	137	75	10	250
057.202.20*	250	14/23	140	85	10	250
057.202.21	250	19/26	140	85	10	250
057.202.22	250	24/29	140	85	10	250
057.202.23	250	29/32	140	85	10	250
057.202.24*	250	34/35	140	85	10	250
057.202.25*	500	19/26	163	105	10	345
057.202.26	500	24/29	163	105	10	345
057.202.27	500	29/32	163	105	10	345
057.202.28*	500	34/35	163	105	10	345
057.202.29*	1000	19/26	200	131	10	470
057.202.30	1000	24/29	200	131	10	470
057.202.31	1000	29/32	200	131	10	470
057.202.32*	1000	34/35	200	131	10	470
057.202.33	2000	24/29	240	165	6	910
057.202.34	2000	29/32	240	165	6	910
057.202.35*	2000	34/35	240	165	6	910
057.202.36A*	3000	24/29	260	185	1	2565
057.202.36*	3000	29/32	260	185	1	2565
057.202.37*	3000	45/40	260	185	1	2565
057.202.40A*	5000	24/29	305	223	1	3885
057.202.40*	5000	29/32	305	223	1	3885
057.202.40B*	5000	34/35	305	223	1	3885
057.202.41*	5000	45/40	305	223	1	3885
057.202.44*	10000	29/32	380	279	1	8045
057.202.45A*	10000	34/35	380	279	1	7825
057.202.45	10000	45/40	380	279	1	7825
057.202.45B*	10000	55/44	380	279	1	7825
057.202.47B*	20000	55/44	435	345	1	13710

* Non DIN

Flask, Round Bottom, Single Neck with Joint

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- These Flasks comes with Ground Joint manufactured as per ASTM E-1403 type 1 specifications
- The Flasks are printed in white colour enamel

Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Dia (mm)	Pack of	Price / Piece
057.202.57	50	24/40	100	51	2	190
057.202.58	100	24/40	118	64	2	200
057.202.58A	200	24/40	128	75	2	250
057.202.59	250	24/40	140	85	2	250
057.202.59A	300	24/40	148	88	2	260
057.202.60	500	24/40	158	105	2	350
057.202.61	1000	24/40	185	130	1	470
057.202.62	2000	24/40	215	165	1	900
057.470.55B	25	24/40	90	41	2	190
057.470.09	50	19/22	80	51	2	190
057.470.11	100	14/20	100	64	2	195
057.470.12	100	19/22	100	64	2	195
057.470.20	250	14/20	120	85	2	250
057.470.21	250	19/22	120	85	2	250
057.470.25	500	19/22	140	105	2	350
057.470.25A	500	14/20	140	105	2	350
057.470.53	10	14/20	59	31	2	190
057.470.53A	10	19/22	59	31	2	190
057.470.55	25	14/20	75	41	2	190
057.470.55A	25	19/22	75	41	2	190
057.470.52	5	14/20	46	25	2	190



Flask, Round Bottom, 2 Neck Angular

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with DIN 12394 & USP standard
- Available with two neck angular

Item Code	Capacity (ml)	Socket Size	Side Socket	Approx. Overall Height (mm)	Pack of	Price / Piece
059.202.01*	50	24/29	14/23	92±2	1	260
059.202.02*	50	29/32	14/23	92±2	1	260
059.202.03*	100	24/29	14/23	107	1	280
059.202.04*	100	24/29	19/26	107	1	280
059.202.05*	100	29/32	14/23	107	1	280
059.202.06*	250	24/29	14/23	142	1	370
059.202.07*	250	24/29	19/26	142	1	370
059.202.08	250	29/32	14/23	142	1	370
059.202.09*	500	24/29	14/23	165±3	1	535
059.202.10*	500	24/29	19/26	165±3	1	535
059.202.11	500	29/32	14/23	165±3	1	535
059.202.12*	1000	24/29	14/23	203±	1	665
059.202.13*	1000	24/29	19/26	203±	1	665
059.202.14	1000	29/32	14/23	203±	1	665
059.202.15A*	2000	24/29	19/26	243	1	1190
059.202.15*	2000	34/35	19/26	243	1	1190
059.202.20*	3000	34/35	19/26	260±3	1	3220
059.202.20A*	3000	34/35	24/29	260±3	1	3220
059.202.24*	5000	34/35	19/26	305±4	1	4700
059.202.24A*	5000	34/35	24/29	305±4	1	4700
059.202.28*	10000	34/35	24/29	380±5	1	8455
059.202.29*	10000	55/44	24/29	380±5	1	8455
059.202.30*	20000	55/44	24/29	435±5	1	14220



PS : These flasks can also be provided in other joint sizes.

* Non DIN

Flask, Round Bottom, 2 Necks Angular

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Round bot tom flask with ASTM joint sizes
- Angular



Buy Now!

Item Code	Capacity (ml)	Socket Size	Side Socket	Pack of	Price / Piece
059.470.00	50	14/20	14/20	1	270
059.470.00A	25	14/20	14/20	1	270
059.470.03	100	14/20	14/20	1	280
059.470.05A	100	24/40	24/40	1	280
059.470.08	250	24/40	24/40	1	360
059.470.10	500	24/40	24/40	1	515
059.470.15	1000	24/40	24/40	1	645

GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

2 Neck
Angular

Flask, Round Bottom, 2 Neck Parallel

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Complies with DIN 12394
- Has Two Neck Parallel



Buy Now!

Item Code	Capacity (ml)	Socket Size	Side Socket	Approx. Overall Height (mm)	Pack of	Price / Piece
059.212.00	50	24/29	14/23	90	1	280
059.212.00A	50	29/32	14/23	90	1	280
059.212.01*	100	24/29	14/23	105	1	280
059.212.01A*	100	24/29	19/26	105	1	280
059.212.01B*	100	29/32	14/23	105	1	280
059.212.02*	250	24/29	14/23	140	1	375
059.212.02A*	250	24/29	19/26	140	1	375
059.212.02B	250	29/32	14/23	140	1	375
059.212.03*	500	24/29	14/23	163	1	542
059.212.03A*	500	24/29	19/26	163	1	542
059.212.03B	500	29/32	14/23	163	1	542
059.212.04*	1000	24/29	14/23	200	1	677
059.212.04A*	1000	24/29	19/26	200	1	677
059.212.04B	1000	29/32	14/23	200	1	677
059.212.05*	2000	24/29	19/26	240	1	1197
059.212.05A*	2000	34/35	19/26	240	1	1197
059.212.06*	3000	34/35	19/26	260	1	3218
059.212.06A*	3000	34/35	24/29	260	1	3218
059.212.07*	5000	34/35	19/26	305	1	4743
059.212.07A*	5000	34/35	24/29	305	1	4743
059.212.08*	10000	34/35	24/29	380	1	8530
059.212.08A*	10000	55/44	24/29	380	1	8530
059.212.09*	20000	55/44	24/29	435	1	14217

* Non DIN

Flask, Round Bottom, 3 Necks Angular

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Available with three neck angular
- Complies with DIN 12394

Item Code	Capacity (ml)	Centre Size	Side Socket	Approx. Overall Height (mm)	Pack of	Price / Piece
060.202.01*	100	19/26	14/23	105	1	390
060.202.02*	100	24/29	14/23	105	1	390
060.202.03*	100	24/29	19/26	105	1	390
060.202.02A*	100	14/23	14/23	105	1	390
060.202.03A*	100	29/32	14/23	105	1	390
060.202.04*	250	19/26	19/26	140	1	495
060.202.04A*	250	19/26	14/23	140	1	495
060.202.05*	250	24/29	14/23	140	1	495
060.202.06*	250	24/29	19/26	140	1	495
060.202.07	250	29/32	14/23	140	1	495
060.202.08	250	29/32	19/26	140	1	495
060.202.08A*	250	29/32	29/32	140	1	495
060.202.09*	500	24/29	14/23	163	1	745
060.202.10*	500	24/29	19/26	163	1	745
060.202.11	500	29/32	14/23	163	1	745
060.202.12	500	29/32	19/26	163	1	745
060.202.12A*	500	29/32	29/32	163	1	745
060.202.13*	1000	24/29	14/23	200	1	920
060.202.14*	1000	24/29	19/26	200	1	920
060.202.15	1000	29/32	14/23	200	1	920
060.202.16	1000	29/32	19/26	200	1	920
060.202.17*	1000	29/32	29/32	200	1	920
060.202.18*	2000	24/29	19/26	240	1	1655
060.202.19*	2000	29/32	24/29	240	1	1655
060.202.20*	2000	29/32	29/32	240	1	1655
060.202.26*	3000	34/35	19/26	260	1	4170
060.202.26A*	3000	34/35	24/29	260	1	4170
060.202.29B*	5000	34/35	19/26	305	1	5745
060.202.29*	5000	34/35	24/29	305	1	5745
060.202.32*	10000	34/35	24/29	380	1	11375
060.202.33*	10000	45/40	24/29	380	1	11375
060.202.34*	20000	55/44	24/29	435	1	16955

* Non DIN

ASTM Sizes

Item Code	Capacity (ml)	Socket Size	Side Socket	Pack of	Price /Piece
060.470.00	25	14/20	14/20	1	315
060.470.00A	50	14/20	14/20	1	325
060.470.01	100	14/20	14/20	1	380
060.470.01A	100	19/22	19/22	1	380
060.470.03	100	24/40	19/22	1	380
060.470.03A	100	24/40	24/40	1	380
060.470.04	250	14/20	14/20	1	490
060.470.04A	250	19/22	19/22	1	490
060.470.08A	250	24/40	24/40	1	490
060.470.09	500	24/40	24/40	1	710
060.470.10	500	19/22	19/22	1	710
060.470.19	1000	24/40	24/40	1	880



Flask, Round Bottom, 3 Neck Parallel

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Available Three Neck Parallel



Buy Now!

Item Code	Capacity (ml)	Centre Size	Side Socket	Approx. Overall Height (mm)	Pack of	Price / Piece
061.202.00A*	100	19/26	14/23	105	1	395
061.202.00*	100	14/23	14/23	105	1	395
061.202.00B*	100	24/29	14/23	105	1	395
061.202.00C*	100	24/29	19/26	105	1	395
061.202.01*	250	24/29	19/26	140	1	495
061.202.01A*	250	19/26	19/26	140	1	495
061.202.02*	250	29/32	14/23	140	1	495
061.202.02A*	250	29/32	29/32	140	1	495
061.202.03*	500	24/29	19/26	163	1	745
061.202.03A*	500	19/26	19/26	163	1	745
061.202.04*	500	29/32	14/23	163	1	745
061.202.05	500	29/32	19/26	163	1	745
061.202.05A	500	29/32	29/32	163	1	745
061.202.06*	1000	24/29	19/26	200	1	915
061.202.07*	1000	29/32	14/23	200	1	915
061.202.08*	1000	29/32	19/26	200	1	915
061.202.09*	1000	29/32	24/29	200	1	915
061.202.10	1000	29/32	29/32	200	1	915
061.202.11*	2000	24/29	19/26	240	1	1665
061.202.12*	2000	29/32	19/26	240	1	1665
061.202.13	2000	29/32	29/32	240	1	1665
061.202.14*	2000	34/35	19/26	240	1	1665
061.202.15*	2000	34/35	24/29	240	1	1665
061.202.17*	3000	34/35	24/29	260	1	4165
061.202.18*	3000	34/35	19/26	260	1	4165
061.202.19A*	5000	34/35	19/26	305	1	5745
061.202.19*	5000	34/35	24/29	305	1	5745
061.202.26*	10000	34/35	24/29	380	1	11375
061.202.26A*	10000	45/40	24/29	380	1	11375
061.202.27*	20000	55/44	24/29	435	1	16940

PS : All 2 Neck and 3 Neck Flasks can be provided in ASTM joint sizes on request

* Non DIN

ASTM Sizes

Item Code	Capacity (ml)	Socket Size	Side Socket	Pack of	Price /Piece
061.470.00	100	14/20	14/20	1	380
061.470.00A	100	24/40	24/40	1	380
061.402.06	250	24/40	24/40	1	485
061.402.09	500	24/40	24/40	1	710
061.470.05A	500	29/42	29/42	1	710
061.402.12	1000	24/40	24/40	1	880
061.470.10	1000	29/42	29/42	1	880
061.402.15	2000	24/40	24/40	1	1580



Buy Now!

These flasks can also be provided in other joint sizes

Flask, Round Bottom, Four Necks Angular

- Complies with DIN 12392
- Centre Neck & Three Angled Side Necks
- With Interchangeable Joints
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass.

Item Code	Capacity (ml)	Interchangeable		Pack of	Price / Piece
		Centre Neck	Side Neck		
060.240.00*	50	24 / 29	24 / 29	1	560
060.240.01*	100	19 / 26	14 / 23	1	625
060.240.02*	100	24 / 29	14 / 23	1	625
060.240.02A*	100	14 / 23	14 / 23	1	625
060.240.03*	100	24 / 29	19 / 26	1	625
060.240.03A*	100	29 / 32	14 / 23	1	625
060.240.04*	250	19 / 26	19 / 26	1	770
060.240.04A*	250	19 / 26	14 / 23	1	770
060.240.05*	250	24 / 29	14 / 23	1	770
060.240.06*	250	24 / 29	19 / 26	1	770
060.240.07*	250	29 / 32	14 / 23	1	770
060.240.08	250	29 / 32	19 / 26	1	770
060.240.08A*	250	29 / 32	29 / 32	1	770
060.240.09*	500	24 / 29	14 / 23	1	1090
060.240.10*	500	24 / 29	19 / 26	1	1090
060.240.10A*	500	24 / 29	24 / 29	1	1090
060.240.11*	500	29 / 32	14 / 23	1	1090
060.240.12	500	29 / 32	19 / 26	1	1090
060.240.12A	500	29 / 32	29 / 32	1	1090
060.240.12B*	500	34 / 35	24 / 29	1	1090
060.240.13*	1000	24 / 29	14 / 23	1	1355
060.240.14*	1000	24 / 29	19 / 26	1	1355
060.240.14A*	1000	24 / 29	24 / 29	1	1355
060.240.15*	1000	29 / 32	14 / 23	1	1355
060.240.16*	1000	29 / 32	19 / 26	1	1355
060.240.17	1000	29 / 32	29 / 32	1	1355
060.240.17A*	1000	34 / 35	24 / 29	1	1355
060.240.18*	2000	24 / 29	19 / 26	1	2250
060.240.18A*	2000	24 / 29	14 / 23	1	2250
060.240.19*	2000	29 / 32	24 / 29	1	2250
060.240.20	2000	29 / 32	29 / 32	1	2250
060.240.20A*	2000	34 / 35	19 / 26	1	2250
060.240.20B*	2000	34 / 35	24 / 29	1	2250
060.240.26*	3000	34 / 35	19 / 26	1	5230
060.240.26A*	3000	34 / 35	24 / 29	1	5230
060.240.29*	5000	34 / 35	24 / 29	1	7190
060.240.29B*	5000	34 / 35	19 / 26	1	7190
060.240.32*	10000	34 / 35	24 / 29	1	12825
060.240.33*	10000	45 / 40	24 / 29	1	12825
060.240.33A*	10000	55 / 44	24 / 29	1	12825
060.240.34*	20000	55 / 44	24 / 29	1	18925

PS : All 4 Neck Flasks can be provided in ASTM joint sizes on request.

These flasks can also be provided in other joint sizes

* Non DIN



Buy Now!

Flask, Round Bottom, Four Necks Parallel

- Complies with DIN 12392
- Centre Neck and Three Parallel Side Neck
- With Interchangeable Joints
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass



Buy Now!

Item Code	Capacity (ml)	Interchangeable		Pack of	Price / Piece
		Centre Neck	Side Neck		
061.240.00*	50	24 / 29	24 / 29	1	545
061.240.00B*	100	24 / 29	14 / 23	1	630
061.240.00BA*	100	24 / 29	19 / 26	1	630
061.240.01*	250	24 / 29	19 / 26	1	765
061.240.01A*	250	19 / 26	19 / 26	1	765
061.240.01B*	250	24 / 29	14 / 23	1	765
061.240.02*	250	29 / 32	14 / 23	1	765
061.240.02A*	250	29 / 32	29 / 32	1	765
061.240.03*	500	24 / 29	19 / 26	1	1090
061.240.03A*	500	19 / 26	19 / 26	1	1090
061.240.03B*	500	24 / 29	24 / 29	1	1090
061.240.03C*	500	24 / 29	14 / 23	1	1090
061.240.04*	500	29 / 32	14 / 23	1	1090
061.240.05	500	29 / 32	19 / 26	1	1090
061.240.05A	500	29 / 32	29 / 32	1	1090
061.240.05B*	500	34 / 35	24 / 29	1	1090
061.240.06*	1000	24 / 29	19 / 26	1	1330
061.240.06A*	1000	24 / 29	14 / 23	1	1330
061.240.06B*	1000	24 / 29	24 / 29	1	1330
061.240.07*	1000	29 / 32	14 / 23	1	1330
061.240.08*	1000	29 / 32	19 / 26	1	1330
061.240.09*	1000	29 / 32	24 / 29	1	1330
061.240.10	1000	29 / 32	29 / 32	1	1330
061.240.10A*	1000	34 / 35	24 / 29	1	1330
061.240.10B*	1000	45 / 40	29 / 32	1	1330
061.240.11*	2000	24 / 29	19 / 26	1	2255
061.240.11A*	2000	24 / 29	14 / 23	1	2255
061.240.12*	2000	29 / 32	19 / 26	1	2255
061.240.13	2000	29 / 32	29 / 32	1	2255
061.240.14*	2000	34 / 35	19 / 26	1	2255
061.240.15*	2000	34 / 35	24 / 29	1	2255
061.240.15B*	2000	45 / 40	29 / 32	1	2255
061.240.16B*	3000	29 / 32	29 / 32	1	5205
061.240.17*	3000	34 / 35	19 / 26	1	5205
061.240.18*	3000	34 / 35	24 / 29	1	5205
061.240.18B*	3000	45 / 40	29 / 32	1	5205
061.240.19A*	5000	34 / 35	19 / 26	1	7190
061.240.19*	5000	34 / 35	24 / 29	1	7190
061.240.26*	10000	34 / 35	24 / 29	1	12590
061.240.26A*	10000	45 / 40	24 / 29	1	12590
061.240.26B*	10000	55 / 44	24 / 29	1	12590
061.240.27*	20000	55 / 44	24 / 29	1	18770

PS : All 4 Neck Flasks can be provided in ASTM joint sizes on request.

* Non DIN

Flask, (Vessels) Reaction

- Wide Mouth
- With Flat Flange, 100 mm ID, 150 mm OD
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass

Item Code	Capacity (ml)	Approx. Height (mm)	Pack of	Price / Piece
078.202.01	1000	170	1	1810
078.202.02	2000	205	1	2503
078.202.04	5000	260	1	5438
078.202.05	10000	335	1	11473
078.202.06	20000	400	1	19750



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Lids, For Flasks Reaction

- Flat Flange and Interchangeable Joint
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass

Item Code	Centre	Parellel	Interchangeable Joint Size			Pack of	Price / Piece
			Side 5°	Side 10°	Side 15°		
079.202.01	19 / 26	19 / 26	24 / 29	19 / 26	-	1	4302
079.202.02	19 / 26	14 / 23	14 / 23	14 / 23	29 / 32	1	4302
079.202.03	29 / 32	14 / 23	14 / 23	14 / 23	29 / 32	1	4302



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

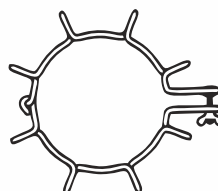
Flask, Stainless steel clips for reaction Flask

- With wing nuts holding 100mm flat flangs.

Item Code	Dia (mm)	Price / Piece
080.202.01	100	1980



Buy Now!





Flask, Pear shape

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Used for Semi Micro Distillation Manufactured
- Complies with DIN 12383



Buy Now!

Item Code	Capacity (ml)	Socket Size	Approx. Dia (mm)	Approx. Overall Height (mm)	Pack of	Price / Piece
062.202.06*	25	14/23	42	90	10	195
062.202.07	50	14/23	51	100	10	215
062.202.09	100	14/23	64	130	10	270

* Non DIN



Flask, Pear shape with Two Neck

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Side neck at an angle of 25°



Buy Now!

Item Code	Capacity (ml)	Centre Size	Side Socket	Approx. Overall Height (mm)	Pack of	Price / Piece
063.202.01	50	14/23	14/23	100	1	470
063.202.02	100	14/23	14/23	130	1	500

Flask Pear Shape Single Neck

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Compliance with ASTM E-1403 Standard

Item Code	Capacity (ml)	Socket Size	Pack of	Price / Piece
062.470.06	25	14/20	1	200
062.470.07	50	14/20	1	220
062.470.07A	50	24/40	1	220
062.470.09	100	14/20	1	290
062.470.11	100	24/40	1	290
062.470.12	200	14/20	1	360



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Flask Reaction, With Glass Stopcock

With 2mm glass stopcock

Item Code	Capacity (ml)	Socket Size	Pack of	Price / Piece
059.468.01	50	14/20	1	415
059.468.07	250	24/40	1	495



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



Buy Now!

Flask, Kjeldahl

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Used for the Determination of Nitrogen

Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Pack of	Price / Piece
070.202.01	50	19/26	200	2	435
070.202.02	100	19/26	200	2	490
070.202.03	100	24/29	200	2	650
070.202.04	300	24/29	295	2	700
070.202.05	500	24/29	300	2	870
070.202.06	800	24/29	340	2	960



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



Buy Now!

Flask, Kjeldahl

- Complies with DIN 12360
- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass
- Suitable for determination of Nitrogen

Item Code	Capacity (ml)	D. (mm)	H. (mm)	Pack of	Price / Piece
077.202.01	100	60	200	2	217
077.202.02*	300	85	295	2	361
077.202.03	500	101	300	2	701
077.202.04*	800	117	340	2	836

* Non DIN



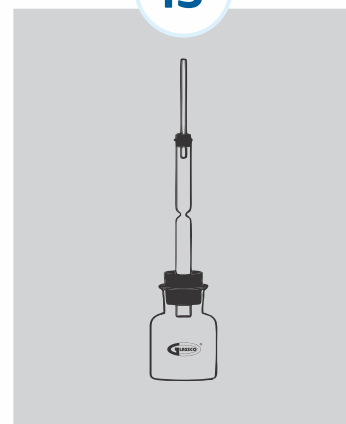
Arsenic Determination Apparatus as per USP

Item Code	Pack of	Price /Piece
345.202.01	1	3438



Arsenic Determination Apparatus as per IS

Item Code	Pack of	Price /Piece
345.207.01	1	3438



Tilt Measure

- Ideal for dispensing fixed volume of liquid
- Easy to use
- Tilt the unit backward to fill
- Tilt the unit forward to dispense
- Accuracy $\pm 5\%$ can be achieved
- Manufactured from chemically resistance 3.3 borosilicate tubing

Item Code	Capacity (ml)	Flask Capacity (ml)	N/S	Pack of	Price /Piece
071.252.13	5	100	24/29	5	840
071.252.19A	10	250	24/29	5	895
071.252.19B	20	250	24/29	10	1015
071.252.19C	25	250	24/29	10	1090
071.252.19D	50	250	24/29	10	1270

* Available in 29/32 Joint size also





Nylon

Flask, Brush

- Made of Nylon Bristles

Item Code	Type	Material	Pack of	Price / Piece
593.303.04	Flask Brush	Nylon	50	87



Si
240°C

Glass
Yarn

SS

EU

Flask, Tong, Euro Design

- Available in Silicon Sleeve and fibre Glass yarn to resist direct flame
- Hold Flask upto 2 Litres (60 mm OD).
- Made of Stainless Steel

Item Code	Length (mm)	Type	Max. Temp	Pack of	Price /Piece
396.303.05	250	Glass Fibre	500°C	4	417
396.303.06	300	Glass Fibre	500°C	4	440
396.303.07	250	Silicon	280°C	4	321
396.303.08	300	Silicon	280°C	4	353

Flask, Stand

- Gives stair like top view
- Every step provides excellent support to the round bottom flask
- Can hold round bottom Flasks up to 10 Ltr. capacity
- Autoclavable

Item Code	Item	Material	Pack of	Price /Pack
115.303.01	Flask Stand	Polypropylene	6	1205
417.303.01	Flask Stand	Silicone	2	2985



Buy Now!



Flask, Hand Grip

- Made of silicon
- Available with stand slip free mechanism
- Can withstand temp. upto 280°C

Item Code	Pack of	Price /Piece
418.303.01	1	1184



Buy Now!





1st in Asia
Comes with Blue Miniscus

HIGHER

— Visibility
— Accuracy
— Confidence

1st in the World
QR-Coded Volumetric Flask

— Scan
— Certificate
— Calibration

INSTANT

1st Glassware Product
Integrated with **CaliberLIMS**

CHECK

— Authenticity
— Usage
— Alerts

In Collaboration with
CaliberLIMS

QR-LabGlass[™] PATENT PENDING

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Quick Scan
QR Code Reader



NEOREADER



QR Code
Reader

QR-LabGlass™



SCAN VOLUMETRIC FLASK

Please download your app  or  or 
and scan your Volumetric Flask with your smartphone



SELECT CERTIFICATE INDIVIDUAL/BATCH CONFORMITY OR USER MANUAL

Website will open with choice of batch or individual
certificate and please type Serial No. from Flask



PRINT OR SAVE YOUR CERTIFICATE

Your certificate is now ready to be saved or printed at
the time of your audit, before audit or after audit.

Available at
your Fingertips !



QR-CODED : SCAN YOUR CALIBRATED GLASS.

“iGlass ...

Intelligent & Instant at Your Finger Tips”

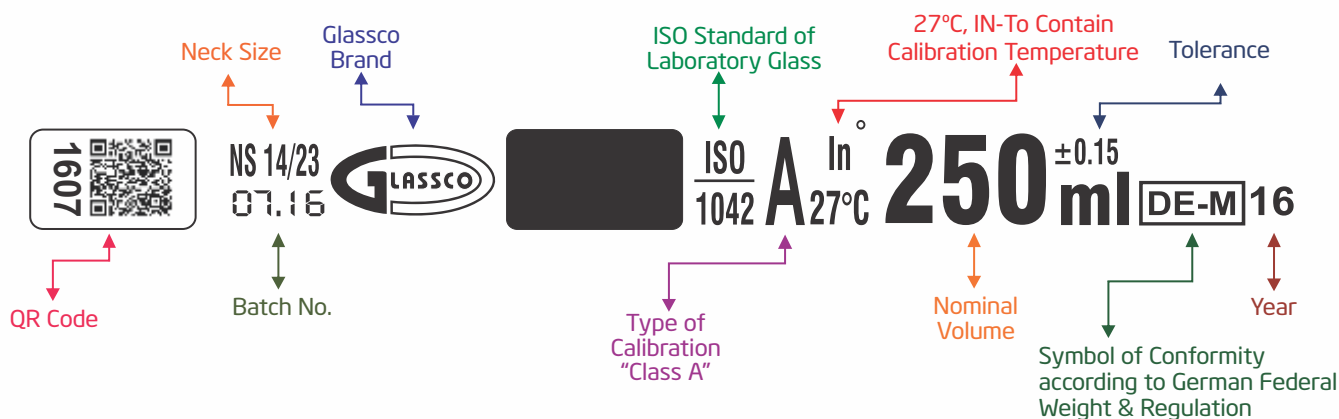
Glassco understand the different requirement of our Esteemed customer. Therefore **Glassco** has wide range of volumetric flask in **USP, ASTM, NABL** & for the first time in the world have come out **QR coded Volumetric flasks** which are designed to meet our valuable customer requirement, while ensuring optimum quality. **Glassco** volumetric flasks are specially design to withstand demands of various laboratories world class.

- **Glassco Volumetric Flasks** Class A are made from **ASTM E 438 TYPE 1 Class A** heat resistant **BORO 3.3 Glass**
- Meet **DIN/ISO 1042 & USP (ASTM E-288 standard)**
- The calibration is done on automatic computer controlled machine and are calibrated to contain (TC, In) according to the ISO USP or ASTM tolerance standards.
- Supplied with individual calibrated certificate/Conformity certificate/user manual can also be downloaded from the site after scanning the QR code from the volumetric flask
- **Glassco Volumetric Flasks** are supplied with both PE stoppers and glass stoppers
- All **Class ‘A’** ISO Compliance flasks are printed in Blue colour.
- The meniscus mark is diamond grinded for longer persistence and better accuracy
- Calibrated at 20°C & 27°C as per customer requirement
- Meniscus mark for QR coded flasks.

Overview of the Printing Coloured :

QR-CODED:
SCAN YOUR
CALIBRATED GLASS.

USP | DIN | ASTM | ISO



Flask, Volumetric, Class A, QR Coded with Penny Head glass & PE Stopper, Calibrated at 27°C

- Compliance with DIN ISO 1042 Standards
- Each flask comes specially printed QR code
- Each flask comes with Individual Work Certificate and Serial Number



Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
QRL.130.576.01	5*	10/19	0.040	1	902
QRL.130.576.02	10*	10/19	0.040	1	770
QRL.130.576.03	20*	10/19	0.040	1	770
QRL.130.576.04	25	10/19	0.040	1	715
QRL.130.576.05	50	12/21	0.060	1	682
QRL.130.576.06	100	14/23	0.100	1	660
QRL.130.576.07	200	14/23	0.150	1	935
QRL.130.577.07	200*	14/23	0.150	1	963
QRL.130.576.08	250	14/23	0.150	1	935
QRL.130.576.09	500	19/26	0.250	1	1232
QRL.130.576.10	1000	24/29	0.400	1	1793
QRL.130.576.11	2000	29/32	0.600	1	2915
QRL.130.576.14	5000	34/35	1.200	1	14333

*5ml to 20ml Supplied with trapezoidal shape for better stability

*200ml also Supplied with trapezoidal shape for better stability



Flask, Volumetric, Amber, Class A, QR Coded with Penny Head glass & PE Stopper, Calibrated at 27°C

- Compliance with DIN ISO 1042 Standards
- Each flask comes specially printed QR code
- Each flask comes with Individual Work Certificate and Serial Number.
- Amber colour flask for light sensitive solution



Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
QRL.130.576.01A	5*	10/19	0.040	1	1067
QRL.130.576.02A	10*	10/19	0.040	1	930
QRL.130.576.03A	20*	10/19	0.040	1	930
QRL.130.576.04A	25	10/19	0.040	1	858
QRL.130.576.05A	50	12/21	0.060	1	814
QRL.130.576.06A	100	14/23	0.100	1	803
QRL.130.576.07A	200	14/23	0.150	1	1122
QRL.130.577.07A	200*	14/23	0.150	1	1155
QRL.130.576.08A	250	14/23	0.150	1	1122
QRL.130.576.09A	500	19/26	0.250	1	1474
QRL.130.576.10A	1000	24/29	0.400	1	2145
QRL.130.576.11A	2000	29/32	0.600	1	3493

*5ml to 20ml Supplied with trapezoidal shape for better stability

*200ml also Supplied with trapezoidal shape for better stability



Volumetric Flasks



Flask, Volumetric, Clear, Class A, USP, QR Coded with Penny Head glass & PE Stopper, Calibrated at 20°C

- Compliance with **USP** Standards
- Each flask comes specially printed QR code
- Each flask comes with Individual Work Certificate and Serial Number.



New Item Code	Old Item Code	Cap. ml	N/S	Tolerance (+ml)	Pack of	Price / Piece
QRL.130.520.01	QR.130.220.01	5*	10/19	0.020	1	990
QRL.130.520.02	QR.130.220.02	10*	10/19	0.020	1	875
QRL.130.520.03	QR.130.220.02A	20*	10/19	0.030	1	875
QRL.130.520.04	QR.130.220.03	25	10/19	0.030	1	803
QRL.130.520.05	QR.130.220.04	50	12/21	0.050	1	770
QRL.130.520.06	QR.130.220.05	100	14/23	0.080	1	748
QRL.130.520.07	QR.130.220.06	200	14/23	0.100	1	1056
QRL.130.520.08	QR.130.220.07	250	14/23	0.120	1	1056
QRL.130.520.09	QR.130.220.08	500	19/26	0.150	1	1386
QRL.130.520.10	QR.130.220.09	1000	24/29	0.300	1	2013
QRL.130.520.11	QR.130.220.10	2000	29/32	0.500	1	3278

*5ml to 20ml Supplied with trapezoidal shape for better stability



Flask, Volumetric, Amber, Class A, USP, QR Coded with Penny Head Glass & Plastic Stopper, Calibrated at 20°C

- With Individual work Certificate and Serial Number
- Amber colour flask for light sensitive solution



New Item Code	Old Item Code	Cap. ml	N/S	Tolerance (+ml)	Pack of	Price / Piece
QRL.130.520.01A	QR.130.220.01A	5*	10/19	0.020	1	1199
QRL.130.520.02A	QR.130.220.02AB	10*	10/19	0.020	1	1034
QRL.130.520.03A	QR.130.220.03A	20*	10/19	0.030	1	1034
QRL.130.520.04A	QR.130.220.04A	25	10/19	0.030	1	968
QRL.130.520.05A	QR.130.220.05A	50	12/21	0.050	1	941
QRL.130.520.06A	QR.130.220.06A	100	14/23	0.080	1	919
QRL.130.520.07A	QR.130.220.07A	200	14/23	0.100	1	1243
QRL.130.520.08A	QR.130.220.08A	250	14/23	0.120	1	1243
QRL.130.520.09A	QR.130.220.09A	500	19/26	0.150	1	1595
QRL.130.520.10A	QR.130.220.10A	1000	24/29	0.300	1	2360
QRL.130.520.11A	QR.130.220.11A	2000	29/32	0.500	1	3949

*5ml to 20ml Supplied with trapezoidal shape for better stability

Flask, Volumetric, CLASS A, QR Coded, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- Serialized specification.
- The flasks have Amber graduated line and are calibrated TC (To Contain).
- These comes in Amber colour enamel printing.



Item Code	Capacity (ml)	Stopper Size	Tolerance (±ml)	Stopper Type	Type	Pack of	Price / Piece
QRL.134.536.01	5	9	0.02	Penny Head	Narrow	1	974
QRL.131.536.01	5	13	0.02	Penny Head	Wide	1	979
QRL.134.536.02	10	9	0.02	Penny Head	Narrow	1	853
QRL.131.536.02	10	13	0.02	Penny Head	Wide	1	864
QRL.134.536.03*	20	9	0.03	Penny Head	Narrow	1	858
QRL.131.536.03*	20	13	0.03	Penny Head	Wide	1	869
QRL.134.536.04	25	9	0.03	Penny Head	Narrow	1	781
QRL.131.536.04	25	13	0.03	Penny Head	Wide	1	798
QRL.134.536.05	50	9	0.05	Penny Head	Narrow	1	754
QRL.131.536.05	50	13	0.05	Penny Head	Wide	1	765
QRL.134.536.06	100	13	0.08	Penny Head	Narrow	1	737
QRL.131.536.06	100	16	0.08	Penny Head	Wide	1	748
QRL.134.536.07	200	16	0.10	Penny Head	Narrow	1	1012
QRL.131.536.07	200	19	0.12	Penny Head	Wide	1	1023
QRL.134.536.08	250	16	0.12	Penny Head	Narrow	1	1012
QRL.131.536.08	250	19	0.20	Penny Head	Wide	1	1023
QRL.131.536.09	500	19	0.20	Penny Head	Narrow	1	1375
QRL.131.536.10	1000	22	0.30	Penny Head	Narrow	1	2008
QRL.131.536.11	2000	27	0.50	Penny Head	Narrow	1	3245
QRL.131.536.13*	4000	38	1.20	Penny Head	-	1	6490
QRL.131.536.15*	6000	38	1.50	Penny Head	-	1	7480

* Non ASTM

*5ml to 20ml Supplied with trapezoidal shape for better stability



Buy Now!



Flask, Volumetric, Amber, CLASS A, QR Coded, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- Serialized specification
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in white colour enamel printing.



Item Code	Capacity (ml)	Stopper Size	Tolerance (±ml)	Stopper Type	Type	Pack of	Price / Piece
QRL.134.536.01A	5	9	0.02	Penny Head	Narrow	1	1155
QRL.131.536.01A	5	13	0.02	Penny Head	Wide	1	1183
QRL.134.536.02A	10	9	0.02	Penny Head	Narrow	1	1034
QRL.131.536.02A	10	13	0.02	Penny Head	Wide	1	1045
QRL.134.536.03A*	20	9	0.03	Penny Head	Narrow	1	1034
QRL.131.536.03A*	20	13	0.03	Penny Head	Wide	1	1045
QRL.134.536.04A	25	9	0.03	Penny Head	Narrow	1	946
QRL.131.536.04A	25	13	0.03	Penny Head	Wide	1	963
QRL.134.536.05A	50	9	0.05	Penny Head	Narrow	1	908
QRL.131.536.05A	50	13	0.05	Penny Head	Wide	1	919
QRL.134.536.06A	100	13	0.08	Penny Head	Narrow	1	770
QRL.131.536.06A	100	16	0.08	Penny Head	Wide	1	891
QRL.134.536.07A	200	16	0.10	Penny Head	Narrow	1	1265
QRL.131.536.07A	200	19	0.10	Penny Head	Wide	1	1287
QRL.134.536.08A	250	16	0.12	Penny Head	Narrow	1	1265
QRL.131.536.08A	250	19	0.12	Penny Head	Wide	1	1287
QRL.131.536.09A	500	19	0.20	Penny Head	Narrow	1	1678
QRL.131.536.10A	1000	22	0.30	Penny Head	Narrow	1	2530
QRL.131.536.11A	2000	27	0.50	Penny Head	Narrow	1	3905

* Non ASTM

*5ml to 20ml Supplied with trapezoidal shape for better stability



Buy Now!



Volumetric Flasks



Buy Now!

Flask, Volumetric, Class A with Penny Head glass & PE Stopper, Calibrated at 27°C

- Compliance with **DIN ISO 1042** Standards
- Each flask comes with Individual Work Certificate and Serial Number.

Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Neck Type	Pack of	Price / Piece
130.576.00*	1*	10/19	0.025	Narrow	1	965
130.576.00B*	2*	10/19	0.025	Narrow	1	970
130.576.01	5**	10/19	0.040	Narrow	1	875
130.576.02	10**	10/19	0.040	Narrow	1	760
130.576.03	20**	10/19	0.040	Narrow	1	760
130.576.03WM	20*	12/21	0.060	Wide	1	750
130.576.04	25	10/19	0.040	Narrow	1	685
130.576.04W*	25	14/23	0.060	Wide	1	820
130.576.04WM	25	12/21	0.060	Wide	1	655
130.576.05	50	12/21	0.060	Narrow	1	655
130.576.05W	50	14/23	0.100	Wide	1	780
130.576.06	100	14/23	0.100	Narrow	1	635
130.576.06W*	100	19/26	0.100	Wide	1	825
130.577.07	200*	14/23	0.150	Narrow	1	920
130.576.07	200	14/23	0.150	Narrow	1	935
130.576.07W*	200	19/26	0.200	Wide	1	1080
130.576.08	250	14/23	0.150	Narrow	1	895
130.576.08WM*	250	19/26	0.200	Wide	1	1165
130.576.09	500	19/26	0.250	Narrow	1	1175
130.576.09WM*	500	24/29	0.400	Wide	1	1445
130.576.10	1000	24/29	0.400	Narrow	1	1715
130.576.10WM	1000	29/32	0.600	Wide	1	1780
130.576.11	2000	29/32	0.600	Narrow	1	2785
130.576.14	5000	34/35	1.200	Narrow	1	13035

*1ml & 2ml sizes are of test tube shape | **5ml to 20ml Supplied with trapezoidal shape for better stability

**200ml also Supplied with trapezoidal shape for better stability

* Non DIN/ISO

Flask, Volumetric, Amber Wide Mouth Class A with Penny Head glass & PE Stopper, Calibrated at 27°C

- Compliance with **DIN ISO 1042** Standards
- Each flask comes with Individual Work Certificate and Serial Number
- Specially Designed wide mouth for testing bigger diameter tablet



Buy Now!

Item Code	Cap.(ml)	N/S	Tolerance (+ml)	Neck Type	Pack of	Price /Piece
130.576.01A	5*	10/19	0.040	Narrow	1	1045
130.576.02A	10*	10/19	0.040	Narrow	1	895
130.576.03A	20*	10/19	0.040	Narrow	1	885
130.576.03WMA	20*	12/21	0.060	Narrow	1	895
130.576.03MWA*	20	14/23	0.060	Wide	1	920
130.576.04A	25	12/21	0.060	Wide	1	858
130.576.04BWMA	25	12/21	0.060	Wide	1	986
130.576.04MWA*	25	14/23	0.060	Wide	1	985
130.576.05A	50	12/21	0.060	Narrow	1	814
130.576.05MWA	50	14/23	0.100	Wide	1	930
130.576.06A	100	14/23	0.100	Narrow	1	765
130.576.06AW	100	19/26	0.100	Wide	1	1030
130.576.07A	200	14/23	0.150	Narrow	1	1122
130.576.07MWA*	200	19/26	0.200	Wide	1	1310
130.576.08A	250	14/23	0.150	Narrow	1	1055
130.576.08WMA*	250	19/26	0.200	Wide	1	1985
130.576.09A	500	19/26	0.250	Narrow	1	1405
130.576.09WMA*	500	24/29	0.400	Wide	1	2050
130.576.10A	1000	24/29	0.400	Narrow	1	2050
130.576.10WMA	1000	29/32	0.600	Wide	1	2110
130.576.11A	2000	29/32	0.600	Narrow	1	3335

*5ml to 20ml Supplied with trapezoidal shape for better stability

Flask, Volumetric, Clear, Class A, with Penny Head Glass Stopper, Calibrated at 27°C

- Compliance with DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate
- Each flask made from clear tubing

Item Code	Capacity (ml)	N/S	Tolerance (±ml)	Pack of	Price /Piece
130.524.00*	1*	10/15	0.025	1	965
130.524.00B*	2*	10/15	0.025	1	965
130.524.01*	5**	10/15	0.025	1	865
130.524.02*	10**	10/15	0.025	1	745
130.524.03	20**	10/15	0.04	1	745
130.524.04	25	10/15	0.04	1	695
130.524.05*	50	10/15	0.06	1	665
130.524.06	100	14/15	0.10	1	640
130.524.07	200	14/15	0.15	1	905
130.524.08	250	14/15	0.15	1	895
130.524.09	500	19/20	0.25	1	1170
130.524.10*	1000	19/20	0.40	1	1730
130.524.11*	2000	24/25	0.60	1	2780
130.524.14	5000	34/35	1.20	1	13055

*1ml & 2ml sizes are of test tube shape

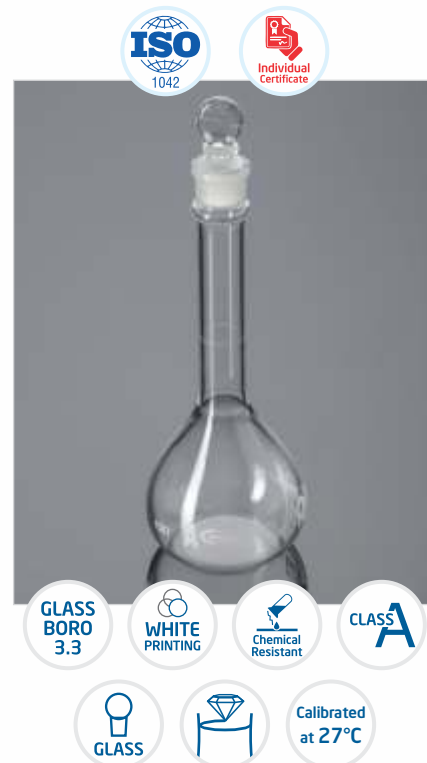
**5ml to 20ml Supplied with trapezoidal shape for better stability

* Non DIN/ISO

These are available till the stocks last



Buy Now!



Flask, Volumetric, Amber, Class A, with Penny Head Glass Stopper, Calibrated at 27°C

- Compliance with DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate
- Made from DIN ISO 3585 : 1998
- Heat Resistant Boro 3.3 Glass, Amber Colour

Item Code	Capacity (ml)	N/S	Tolerance (±ml)	Pack of	Price /Piece
130.524.01A*	5*	10/15	0.025	1	1020
130.524.02A*	10*	10/15	0.025	1	900
130.524.03A	20*	10/15	0.04	1	900
130.524.04A	25	10/15	0.04	1	835
130.524.05A*	50	10/15	0.06	1	775
130.524.06A	100	14/15	0.10	1	765
130.524.07A	200	14/15	0.15	1	1075
130.524.08A	250	14/15	0.15	1	1065
130.524.09A	500	19/20	0.25	1	1415
130.524.10A*	1000	19/20	0.40	1	2070
130.524.11A*	2000	24/25	0.60	1	3400

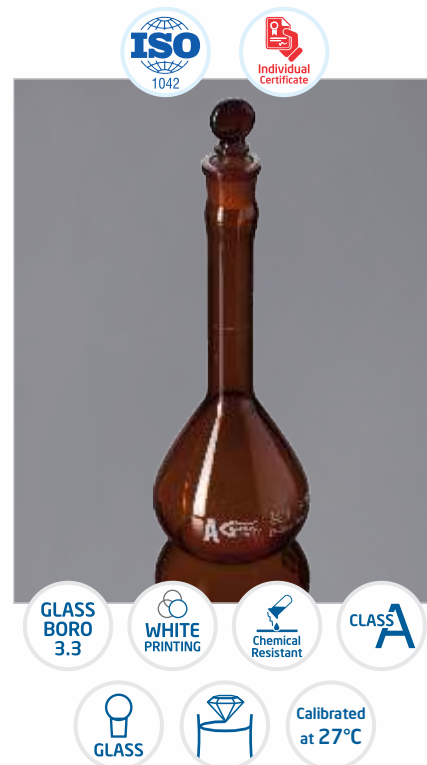
**5ml to 20ml Supplied with trapezoidal shape for better stability

* Non DIN/ISO

These are available till the stocks last



Buy Now!



Volumetric Flasks



Buy Now!

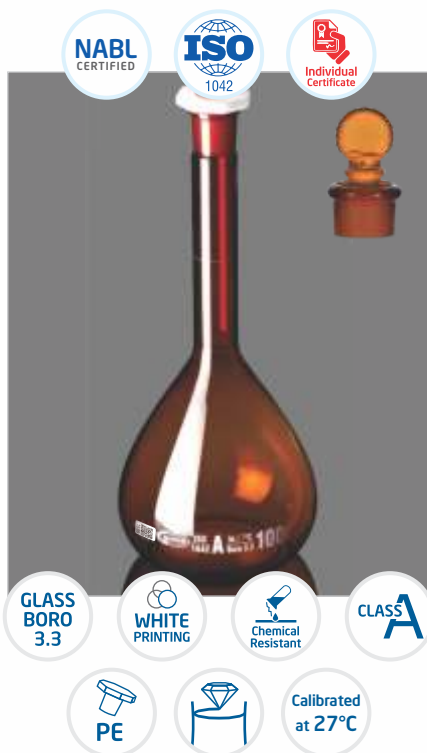
Flask, Volumetric, Class A, NABL with Penny Head Glass & Plastic Stopper Calibrated at 27°C

- Compliance with **DIN ISO 1042** Standards
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
130.508.01*	5*	10/19	0.040	1	2060
130.508.02*	10*	10/19	0.040	1	1630
130.508.03	20*	10/19	0.040	1	1630
130.508.04	25	10/19	0.040	1	1515
130.508.05	50	12/21	0.060	1	1515
130.508.06	100	14/23	0.100	1	1490
130.508.07	200	14/23	0.150	1	1985
130.508.08	250	14/23	0.150	1	2010
130.508.09	500	19/26	0.250	1	2685
130.508.10	1000	24/29	0.400	1	3855
130.508.11	2000	29/32	0.600	1	6245

*5ml to 20ml Supplied with trapezoidal shape for better stability

* Non DIN/ISO



Buy Now!

Flask, Volumetric, Amber, Class A, NABL with Penny Head Glass & PP Stopper, Calibrated at 27°C

- Compliance with **DIN ISO 1042** Standards
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
130.508.01A*	5*	10/19	0.040	1	2000
130.508.02A*	10*	10/19	0.040	1	1785
130.508.03A	20*	10/19	0.040	1	1785
130.508.04A	25	10/19	0.040	1	1615
130.508.05A	50	12/21	0.060	1	1585
130.508.06A	100	14/23	0.100	1	1635
130.508.07A	200	14/23	0.150	1	2130
130.508.08A	250	14/23	0.150	1	2165
130.508.09A	500	19/26	0.250	1	2960
130.508.10A	1000	24/29	0.400	1	4370
130.508.11A	2000	29/32	0.600	1	6870

*5ml to 20ml Supplied with trapezoidal shape for better stability

* Non DIN/ISO

Flask, Volumetric, Class A NABL, USP, with Penny Head Glass & PE Stopper Calibrated at 20°C

- Compliance with **USP** Standards
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Cap. ml	N/S	Tolerance ($\pm$ ml)	Pack of	Price / Piece
130.407.01	5*	10/19	0.020	1	1793
130.407.02	10*	10/19	0.020	1	1553
130.407.02A	20*	10/19	0.030	1	1553
130.407.03	25	10/19	0.030	1	1446
130.407.04	50	12/21	0.050	1	1446
130.407.05	100	14/23	0.080	1	1421
130.407.06	200	14/23	0.100	1	1896
130.407.07	250	14/23	0.120	1	1916
130.407.08	500	19/26	0.150	1	2558
130.407.09	1000	24/29	0.300	1	3675
130.407.10	2000	29/32	0.500	1	5949

*5ml to 20ml Supplied with trapezoidal shape for better stability



Volumetric Flasks



Flask, Volumetric, Clear, Wide Mouth, Class A, USP With Interchangeable Solid Glass Stopper, Calibrated at 20°C, Boro 3.3 Glass TYPE 1

- Calibrated as per **USP** tolerance
- Each flask comes with Individual Work Certificate and Serial Number
- Specially Designed wide mouth for testing bigger diameter tablet

Item Code	Cap.(ml)	N/S	Tolerance (±ml)	Type	Pack of	Price /Piece
130.600.01	5*	14/23	0.06	Clear	5	915
130.600.02	10*	14/23	0.06	Clear	5	790
130.600.03	20**	14/23	0.06	Clear	5	820
130.600.04	25	14/23	0.06	Clear	5	870
130.600.05	50	14/23	0.08	Clear	10	855
130.600.06	100	19/26	0.10	Clear	10	900
130.600.07	200	19/26	0.12	Clear	10	1055
130.600.08	250	19/26	0.12	Clear	10	1135

** Not covered in the standards

*5ml to 20ml Supplied with trapezoidal shape for better stability



Flask, Volumetric, Class A, USP Standards with Penny Head Glass & Plastic Stopper, Calibrated at 20°C

- Compliance with **USP** Standards
- Each flask comes with Individual Work Certificate and Serial Number

New Item Code	Old Item Code	Cap. ml	N/S	Tolerance (±ml)	Type	Pack of	Price / Piece
130.521.01	130.220.01	5*	10/19	0.020	Clear	1	975
130.521.02	130.220.02	10*	10/19	0.020	Clear	1	850
130.521.03	130.220.02A	20*	10/19	0.030	Clear	1	850
130.521.04	130.220.03	25	10/19	0.030	Clear	1	780
130.521.05	130.220.04	50	12/21	0.050	Clear	1	745
130.521.06	130.220.05	100	14/23	0.080	Clear	1	730
130.521.07	130.220.06	200	14/23	0.100	Clear	1	1020
130.521.08	130.220.07	250	14/23	0.120	Clear	1	1025
130.521.09	130.220.08	500	19/26	0.150	Clear	1	1345
130.521.10	130.220.09	1000	24/29	0.300	Clear	1	1960
130.521.11	130.220.10	2000	29/32	0.500	Clear	1	3185

*5ml to 20ml Supplied with trapezoidal shape for better stability

Flask, Volumetric, Amber, Class A, USP Standards with Penny Head Glass & PE Stopper, Calibrated at 20°C

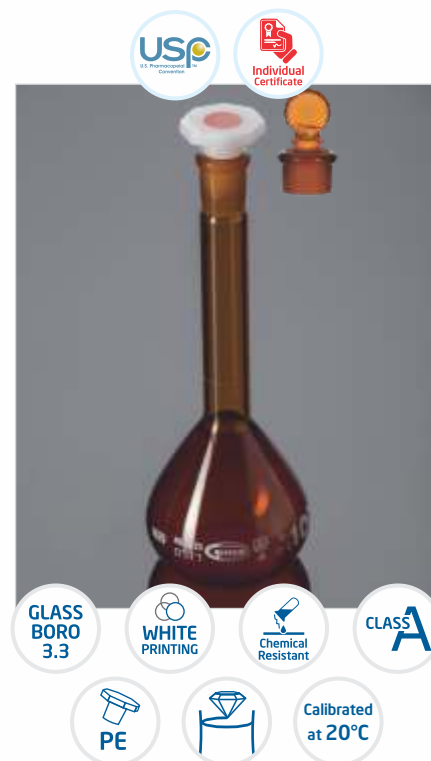
- Compliance with **USP** Standards
- Each flask comes with Individual Work Certificate and Serial Number
- Each flask made from Amber colour tubing

New Item Code	Old Item Code	Cap. ml	N/S	Tolerance (±ml)	Type	Pack of	Price / Piece
130.521.01A	130.220.01A	5*	10/19	0.020	Amber	1	1165
130.521.02A	130.220.02AB	10*	10/19	0.020	Amber	1	1020
130.521.03A	130.220.03A	20*	10/19	0.030	Amber	1	1020
130.521.04A	130.220.04A	25	10/19	0.030	Amber	1	940
130.521.05A	130.220.05A	50	12/21	0.050	Amber	1	900
130.521.06A	130.220.06A	100	14/23	0.080	Amber	1	880
130.521.07A	130.220.07A	200	14/23	0.100	Amber	1	1240
130.521.08A	130.220.08A	250	14/23	0.120	Amber	1	1250
130.521.09A	130.220.09A	500	19/26	0.150	Amber	1	1645
130.521.10A	130.220.10A	1000	24/29	0.300	Amber	1	2400
130.521.11A	130.220.11A	2000	29/32	0.500	Amber	1	3870

*5ml to 20ml Supplied with trapezoidal shape for better stability



Buy Now!



Flask, Volumetric, Amber, Wide Mouth, Class A, USP With Interchangeable Solid Glass Stopper, Calibrated at 20°C, Boro 3.3 Glass TYPE 1 *New*

- Calibrated as per **USP** tolerance
- Each flask comes with Individual Work Certificate and Serial Number
- Specially Designed wide mouth for testing bigger diameter tablet

Item Code	Cap.(ml)	N/S	Tolerance (±ml)	Type	Pack of	Price / Piece
130.600.01A	5*	14/23	0.06	Amber	5	1115
130.600.02A	10*	14/23	0.06	Amber	5	960
130.600.03A	20**	14/23	0.06	Amber	5	960
130.600.04A	25	14/23	0.06	Amber	5	1045
130.600.05A	50	14/23	0.08	Amber	10	1025
130.600.06A	100	19/26	0.10	Amber	10	1080
130.600.07A	200	19/26	0.12	Amber	10	1270
130.600.08A	250	19/26	0.12	Amber	10	1380



Buy Now!



** Not covered in the standards

*5ml to 20ml Supplied with trapezoidal shape for better stability

Volumetric Flasks



Buy Now!

Flask, Volumetric, CLASS A, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in Amber colour enamel printing.

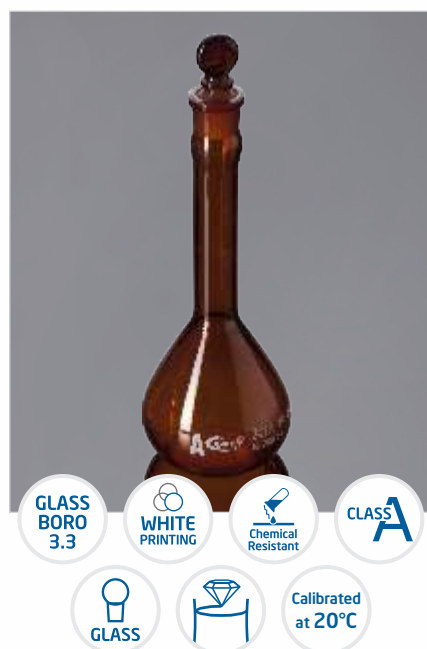
Item Code	Capacity (ml)	Stopper Size	Tolerance (+ml)	Stopper Type	Neck Type	Pack of	Price / Piece
134.536.00*	1	8	0.01	Penny Head	Narrow	1	910
134.536.00B*	2	8	0.015	Penny Head	Narrow	1	915
134.536.01	5	9	0.02	Penny Head	Narrow	1	980
131.536.01	5	13	0.02	Penny Head	Wide	1	935
134.536.02	10	9	0.02	Penny Head	Narrow	1	853
131.536.02	10	13	0.02	Penny Head	Wide	1	785
134.536.03*	20	9	0.03	Penny Head	Narrow	1	859
131.536.03*	20	13	0.03	Penny Head	Wide	1	820
134.536.04	25	9	0.03	Penny Head	Narrow	1	785
131.536.04	25	13	0.03	Penny Head	Wide	1	875
134.536.05	50	9	0.05	Penny Head	Narrow	1	748
131.536.05	50	13	0.05	Penny Head	Wide	1	855
134.536.06	100	13	0.08	Penny Head	Narrow	1	732
131.536.06	100	16	0.08	Penny Head	Wide	1	905
134.536.07	200	16	0.10	Penny Head	Narrow	1	1027
131.536.07	200	19	0.10	Penny Head	Wide	1	1065
134.536.08	250	16	0.12	Penny Head	Narrow	1	1032
131.536.08	250	19	0.12	Penny Head	Wide	1	1159
131.536.09	500	19	0.20	Penny Head	Narrow	1	1354
131.536.10	1000	22	0.30	Penny Head	Narrow	1	1970
131.536.11	2000	27	0.50	Penny Head	Narrow	1	3203
131.536.13*	4000	38	1.20	Penny Head	-	1	6504
131.536.15*	6000	38	1.50	Penny Head	-	1	7450

*Non ASTM & Not covered under Standards

**1 ml Sizes are of test tube shape

Flask, Volumetric, Amber, CLASS A, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in white colour enamel printing.



Buy Now!

Item Code	Cap. (ml)	Stopper Size	Tolerance (+ml)	Stopper Type	Neck Type	Pack of	Price / Piece
134.236.00A*	1**	8	0.01	Penny Head	Narrow	1	1110
134.236.00BA*	2	8	0.015	Penny Head	Narrow	1	1110
134.536.01A	5	9	0.02	Penny Head	Narrow	1	1169
131.536.01A	5	13	0.02	Penny Head	Wide	1	1070
134.536.02A	10	9	0.02	Penny Head	Narrow	1	1027
131.536.02A	10	13	0.02	Penny Head	Wide	1	970
134.536.03A*	20	9	0.03	Penny Head	Narrow	1	1027
131.536.03A*	20	13	0.03	Penny Head	Wide	1	965
134.536.04A	25	9	0.03	Penny Head	Narrow	1	943
131.536.04A	25	13	0.03	Penny Head	Wide	1	1045
134.536.05A	50	9	0.05	Penny Head	Narrow	1	906
131.536.05A	50	13	0.05	Penny Head	Wide	1	1035
134.536.06A	100	13	0.08	Penny Head	Narrow	1	885
131.536.06A	100	16	0.08	Penny Head	Wide	1	1085
134.536.07A	200	16	0.10	Penny Head	Narrow	1	1248
131.536.07A	200	19	0.20	Penny Head	Wide	1	1275
134.536.08A	250	16	0.12	Penny Head	Narrow	1	1254
131.536.08A	250	19	0.12	Penny Head	Wide	1	1406
131.536.09A	500	19	0.20	Penny Head	Narrow	1	1654
131.536.10A	1000	22	0.30	Penny Head	Narrow	1	2413
131.536.11A	2000	27	0.50	Penny Head	Narrow	1	3887

*Non ASTM & Not covered under Standards

**1 ml Sizes are of test tube shape

Flask, Volumetric, Clear Glass, with Amber mark, Class A with Penny Head glass & PE Stopper, Calibrated at 27°C

- Compliance with **DIN ISO 1042** Standards
- Amber colour triangle inscriptions at neck for the flask
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
130.581.00A	1**	10/19	0.025	1	925
130.581.00BA	2**	10/19	0.025	1	925
130.581.01A	5*	10/19	0.040	1	825
130.581.02A	10*	10/19	0.040	1	715
130.581.03A	20*	10/19	0.040	1	715
130.581.04A	25	10/19	0.040	1	655
130.581.05A	50	12/21	0.060	1	605
130.581.06A	100	14/23	0.100	1	615
130.581.07A	200	14/23	0.150	1	815
130.581.08A	250	14/23	0.150	1	870
130.581.09A	500	19/26	0.250	1	1075
130.581.10A	1000	24/29	0.400	1	1660
130.581.11A	2000	29/32	0.600	1	2705

**1ml & 2ml sizes are of test tube shape

*5ml to 20ml Supplied with trapezoidal shape for better stability

These are available till the stocks last



Buy Now!



Flask, Volumetric, White Mark, Amber, Class A, with Penny Head glass & PE Stopper

- Compliance with **DIN ISO 1042** Standards
- White colour triangle inscriptions at neck for the flask
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
130.580.01A	5*	10/19	0.040	1	1010
130.580.02A	10*	10/19	0.040	1	865
130.580.03A	20*	10/19	0.040	1	870
130.580.04A	25	10/19	0.040	1	795
130.580.05A	50	12/21	0.060	1	720
130.580.06A	100	14/23	0.100	1	745
130.580.07A	200	14/23	0.150	1	1040
130.580.08A	250	14/23	0.150	1	1040
130.580.09A	500	19/26	0.250	1	1285
130.580.10A	1000	24/29	0.400	1	1995
130.580.11A	2000	29/32	0.600	1	3230

**1ml & 2ml sizes are of test tube shape

*5ml to 20ml Supplied with trapezoidal shape for better stability

These are available till the stocks last



Buy Now!



Volumetric Flasks



Buy Now!

Flask, Volumetric, Clear Glass, Class B, Calibrated at 27°C

- Compliance with **DIN ISO 1042** Standards
- Comes with Penny Head glass & PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
128.576.00*	1*	10/19	0.05	2	305
128.576.00B*	2*	10/19	0.05	2	305
128.576.01	5**	10/19	0.080	2	275
128.576.02	10**	10/19	0.080	2	255
128.576.03	20**	10/19	0.080	2	255
128.576.04	25	10/19	0.080	2	250
128.576.05	50	12/21	0.120	2	275
128.576.06	100	14/23	0.200	2	310
128.576.07	200	14/23	0.300	2	350
128.576.08	250	14/23	0.300	2	370
128.576.09	500	19/26	0.500	2	520
128.576.10	1000	24/29	0.800	2	790
128.576.11	2000	29/32	1.200	1	1750
128.576.12	5000	34/35	2.400	1	6280

*1ml & 2ml sizes are of test tube shape

**5ml to 20ml Supplied with trapezoidal shape for better stability

*Non DIN/ISO



Buy Now!

Flask, Volumetric, Amber, Class B, Calibrated at 27°C

- Compliance with **DIN ISO 1042** Standards
- Comes with Penny Head glass & PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (+ml)	Pack of	Price /Piece
130.522.00A*	1*	10/19	0.05	2	395
130.522.00BA*	2*	10/19	0.05	2	395
130.522.01A	5**	10/19	0.08	2	410
130.522.02A	10**	10/19	0.08	2	390
130.522.03A	20**	10/19	0.08	2	390
130.522.04A	25	10/19	0.08	2	390
130.522.05A	50	12/21	0.120	2	410
130.522.06A	100	14/23	0.200	2	430
130.522.07A	200	14/23	0.300	2	505
130.522.08A	250	14/23	0.300	2	515
130.522.09A	500	19/26	0.500	2	770
130.522.10A	1000	24/29	0.800	2	1265
130.522.11A	2000	29/32	1.200	1	2510

*1ml & 2ml sizes are of test tube shape

**5ml to 20ml Supplied with trapezoidal shape for better stability

*Non DIN/ISO

Volumetric Flask for Sugar Estimation

- As per BS 675
- Two mark flask designed for the analysis of sugar solutions
- The two graduation marks provide a dilution of 1 in 10

Item Code	Capacity (ml)	Pack of	Price /Piece
133.502.03	100/110	2	361



Buy Now!



Flask, Volumetric (PP)

- These flask are autoclavable, strong, unbreakable
- These flask have good contact clarity.
- These autoclavable flasks are provided with screw caps to prevent leakage

Item Code	Capacity (ml)	Pack of	Price /Pack
158.303.01	25	6	508
158.303.02	50	6	631
158.303.03	100	6	760
158.303.04	250	2	316
158.303.05	500	2	412
158.303.06	1000	2	583



Buy Now!



Volumetric Flasks



Buy Now!

Bumper Guard for Volumetric Flask

Item Code	Capacity (ml)	Colour	N/S	Pack of	Price /Piece
127.202.01	5-25	Yellow	10/19	100	43
127.202.02	50-100	Green	12/21	100	59
127.202.03	200-250	Blue	14/23	100	112
127.202.04	500	Orange	19/26	100	150
127.202.05	1000	Red	24/29	50	203

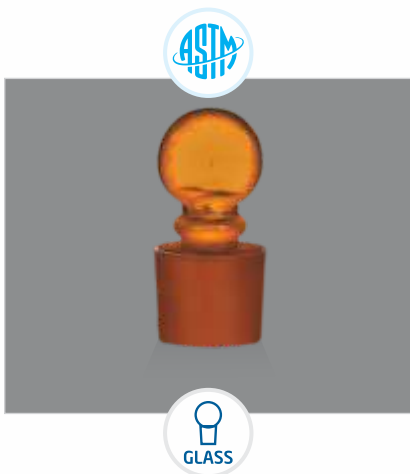


Buy Now!

Stopper, Solid Penny Head

- For ASTM Standard Flasks
- The Flasks with ASTM E-288 can also be provided with Penny Head Stoppers

Item Code	Description	Type	Pack of	Price /Piece
012.269.02	STOPPER NO 13	Clear	100	116
012.269.02A	STOPPER NO 16	Clear	100	222
012.269.03	STOPPER NO 19	Clear	100	269
012.269.04	STOPPER NO 22	Clear	100	285
012.269.05	STOPPER NO 27	Clear	100	296



Buy Now!

Stopper, Amber, Solid Penny Head

- For ASTM Standard Flasks
- The Flasks with ASTM E-288 can also be provided with Penny Head Stoppers

Item Code	Description	Type	Pack of	Price /Piece
012.278.02	STOPPER NO 13	Amber	100	143
012.278.02A	STOPPER NO 16	Amber	100	264
012.278.03	STOPPER NO 19	Amber	100	322
012.278.04	STOPPER NO 22	Amber	100	343
012.278.05	STOPPER NO 27	Amber	100	354

Stopper, Solid Penny Head

- Used on different kind of jointed products like bottles, stoppered cylinder and jointed flasks.
- The stopper provides a good grip
- Comes in **DIN Standard** joint sizes and **ASTM standard**

Item Code	N/S	Type	Pack of	Price /Piece
012.512.01	10/19	Clear	50	95
012.512.01A	12/21	Clear	50	100
012.512.02	14/23	Clear	50	100
012.512.03	19/26	Clear	50	116
012.512.04	24/29	Clear	50	222
012.512.05*	29/32	Clear	50	269
012.512.06*	34/35	Clear	50	285



Buy Now!



Stopper, Amber, Solid Penny Head

- Used on different kind of jointed products like bottles, stoppered cylinder and jointed flasks.
- The stopper provides a good grip
- Comes in **DIN Standard** joint sizes and **ASTM standard**

Item Code	N/S	Type	Pack of	Price /Piece
012.513.01A	10/19	Amber	50	116
012.513.02A	12/21	Amber	50	148
012.513.03A	14/23	Amber	50	148
012.513.04A	19/26	Amber	50	169
012.513.05A	24/29	Amber	50	264
012.513.06A	29/32	Amber	50	312
012.513.07A	34/35	Amber	50	338



Buy Now!



Stopper, Flower-Power™, Polyethylene

- Agronomic Design
- In compliance with DIN 12254 standard
- Used mainly with volumetric flasks the **Flower-Power™** form large head provides good grip and also protects flasks from breaking if it drops accidentally
- Available in Multiple Color against Anaquel 100 Pieces

White & Blue DIN 12254

Item Code	N/S	Pack of	Colour	Price /Piece
011.232.01	10/19	100	Green	68
011.232.02	12/21	100	Purple	78
011.232.03	14/23	100	Yellow	94
011.232.04	19/26	100	Blue	94
011.232.05	24/29	100	Green	108
011.232.06	29/32	100	Red	148
011.232.07*	34/35	100	Orange	174

* Non DIN

Available in Different colours



Buy Now!



Funnels



Funnel

- Made from ASTM E 438 TYPE 1 CLASS A BORO 3.3 GLASS
- Compliance with DIN ISO 4798 & USP standards

Item Code	Item Code	Diameter (mm)	Pack of	Price /Piece
238.502.01*	238.202.01*	25	10	86
238.502.02	238.202.02	35	10	110
238.502.03*	238.202.03*	38	10	115
238.502.04*	238.202.04*	40	10	118
238.502.05*	238.202.05*	50	10	121
238.502.06	238.202.06	55	10	133
238.502.07*	238.202.07*	65	10	145
238.502.08*	238.202.08*	70	10	144
238.502.09	238.202.09	75	10	146
238.502.10*	238.202.10*	80	10	164
238.502.11	238.202.11	100	10	196
238.502.12	238.202.12	125	10	403
238.502.13	238.202.13	150	10	465

* Non DIN



Funnel, Long stem

- With 60° bowl angle for precise fitting of filter paper
- Manufactured from chemical and heat resistant borosilicate glass
- Stem length approximately 150mm

Item Code	Top External dia (mm)	Stem O.D. (mm)	To suit filter paper dia (mm)	Pack of	Price / Piece
238.215.08	70	8	70-90	6	171
238.215.10	80	8	90-150	6	204
238.215.11A	105	8	150-185	6	237

Funnel, Powder

- Made from ASTM E-438, TYPE-1, BORO 3.3 GLASS
- Available with cone

Item Code	N/S Size	Approx Funnel Dia. (mm)	Pack of	Price /Piece
238.202.01P	14/23	45	10	234
238.202.02P	14/23	70	10	304
238.202.03P	29/32	70	10	338
238.202.04P	29/32	80	10	403
238.202.05P	14/23	100	10	424
238.202.06P	29/32	100	10	460



Buy Now!



GLASS
BORO
3.3

BLUE
PRINTING

Chemical
Resistant

Funnel, Powder

- Made from ASTM E-438, TYPE-1, CLASS-A, BORO 3.3 GLASS
- Comes with fire polished rim and stem

Item Code	Top Diameter (mm)	Stem O.D. Max. mm	Pack of	Price /Piece
238.404.06P	60	20	6	230
238.404.08P	80	25	6	257
238.404.10P	100	25	6	315
238.404.12P	125	30	2	397
238.404.15P	150	31	2	425



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant



Buy Now!

Funnel, Analytical

- Made of Polypropylene

Item Code	Size (mm)	Pack of	Price /Pack
207.303.01	50mm, Inside 50, Stem Length 50, PP	72	963
207.303.02	62mm, Inside 62, Stem Length 67, PP	36	589
207.303.03	75mm, Inside 75, Stem Length 77, PP	36	589
207.303.04	100mm, Inside 100, Stem Length 95, PP	36	1482
207.303.05	35mm, Inside 35, Stem Length 37, PP	80	856



Buy Now!

Funnel, Long Stem, Smooth Walls

- Made of Polypropylene
- 60°C cone angle and external ribs to prevent air lock.
- Can also be steam autoclaved

Item Code	Size (mm)	I.D. (mm)	Stem Length (mm)	Pack of	Price /Pack
122.303.04	100	93	84	36	765
122.303.05	150	148	55	12	920

Funnel, Powder

- Made of Polypropylene
- Used for transferring powdered reagent
- Unique parallel stem minimizes bridging of powder
- Autoclavable at 120°C

Item Code	O.D. (mm)	I.D. (mm)	Stem Length (mm)	Pack of	Price / Pack
210.303.01	70	65	22	36	589
210.303.02	85	78	30	36	829
210.303.03	107	100	33	36	1926
210.303.04	153	145	30	12	1209



Buy Now!



Funnel, Industrial

- Made of Polypropylene
- Used for convenient filling of carboy's, drums & barrels

Item Code	Dia (mm)	Pack of	Price /Pack
211.303.01	200	12	3531
211.303.02	250	6	2825



Buy Now!





Buy Now!

Funnel, Buchner, With Sintered Disc

- Made from ASTM E 438 type-1, Class A Boro 3.3 glass
- Comes with fire polished rim and stem

Item Code	Capacity (ml)	Disc Dia (mm)	Porosity	Pack of	Price /Piece
256.G00.01	35	30	0	2	600
256.G01.01	35	30	1	2	534
256.G02.01	35	30	2	2	534
256.G03.01	35	30	3	2	534
256.G04.01	35	30	4	2	534
256.G05.01	35	30	5	2	600
256.G00.02	80	40	0	2	1106
256.G01.02	80	40	1	2	1023
256.G02.02	80	40	2	2	1023
256.G03.02	80	40	3	2	1023
256.G04.02	80	40	4	2	1023
256.G05.02	80	40	5	2	1106
256.G00.03	200	65	0	2	1870
256.G01.03	200	65	1	2	1595
256.G02.03	200	65	2	2	1595
256.G03.03	200	65	3	2	1595
256.G04.03	200	65	4	2	1595
256.G05.03	200	65	5	2	1870
256.G00.04	500	90	0	2	4972
256.G01.04	500	90	1	2	3700
256.G02.04	500	90	2	2	3762
256.G03.04	500	90	3	2	3762
256.G04.04	500	90	4	2	3762
256.G05.04	500	90	5	2	4972
256.G00.05	1000	120	0	1	9295
256.G01.05	1000	120	1	1	7271
256.G02.05	1000	120	2	1	7271
256.G03.05	1000	120	3	1	7271
256.G04.05	1000	120	4	1	7271
256.G05.05	1000	120	5	1	9295

Funnel, Buchner

- Made of Polypropylene
- Light weight
- Easy to clean & autoclavable
- Top portion snap fit ted with the lower one forms a vacuum seal which requires no greasing
- Base of the top portion has perforated filter plate

Item Code	Size (mm)	Pack of	Price /Pack
123.303.01	70	12	2874
123.303.02	110	6	1815
123.303.03	90	6	1652



Buy Now!



Funnel, Buchner, Euro Design

- Made of Porcelain
- Temperature upto 700°C

Item Code	Dia OD x H (mm)	Pack of	Price / Piece
527.303.10	20 x 64	10	158
527.303.11	51 x 89	10	247
527.303.12	67 x 110	6	311
527.303.13	84 x 143	4	450
527.303.14	105 x 160	2	509
527.303.15	125 x 195	2	589
527.303.16	142 x 202	1	937
527.303.17	170 x 221	1	2084
527.303.18	210 x 270	1	2894



Buy Now!



Funnels

Separating and Dropping Funnels are produced from ASTM E-438 TYPE-1 CLASS A BORO 3.3 heat resistant glass. All these Funnels are manufactures as per DIN ISO 4800 standard . The printing is done in white colour



Funnel, Separating, Squibb Shape with Glass Stopcock

- Compliance with ISO 4800 Standards
- Without Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
147.202.02	50	19/26	2.5	Solid Glass	1	968
147.202.02A*	60	14/23	2.5	Solid Glass	1	975
147.202.03	100	19/26	2.5	Solid Glass	1	1054
147.202.03A*	125	19/26	2.5	Solid Glass	1	1054
147.202.04	250	29/32	4	Solid Glass	1	1163
147.202.05	500	29/32	4	Solid Glass	1	1540
147.202.06	1000	29/32	6	Solid Glass	1	2008
147.202.07	2000	29/32	6	Solid Glass	1	3659

* Non DIN



Funnel, Separating, Squibb Shape, with Glass Stopcock

- Compliance with ISO 4800 Standards
- With Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
147.209.02	50	19/26	2.5	Solid Glass	1	1012
147.209.03	100	19/26	2.5	Solid Glass	1	1100
147.209.04	250	29/32	4	Solid Glass	1	1210
147.209.05	500	29/32	4	Solid Glass	1	1650
147.209.06	1000	29/32	6	Solid Glass	1	2090
147.209.07	2000	29/32	6	Solid Glass	1	3740

Funnel, Separating, Squibb Shape, With Needle valve Stopcock

- Compliance with ISO 4800 Standards
- Without Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price / Piece
148.202.02	50	19/26	Needle Valve	1	968
148.202.02A*	60	14/23	Needle Valve	1	968
148.202.03	100	19/26	Needle Valve	1	1056
148.202.03A*	125	19/26	Needle Valve	1	1130
148.202.04	250	29/32	Needle Valve	1	1190
148.202.05	500	29/32	Needle Valve	1	1540
148.202.06	1000	29/32	Needle Valve	1	1930
148.202.07	2000	29/32	Needle Valve	1	3450

*Non DIN



Buy Now!



Funnel, Separating, Squibb Shape

- Compliance with ISO 4800 Standards
- With Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price / Piece
148.209.02	50	19/26	Needle Valve	1	968
148.209.03	100	19/26	Needle Valve	1	1080
148.209.04	250	29/32	Needle Valve	1	1056
148.209.05	500	29/32	Needle Valve	1	1560
148.209.06	1000	29/32	Needle Valve	1	1960
148.209.07	2000	29/32	Needle Valve	1	3470



Buy Now!





Buy Now!

Funnel, Separating, Squibb shape, With PTFE Stopcock

- Compliance with ISO 4800 Standards
- Without Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price / Piece
149.202.02	50	19/26	PTFE	1	1177
149.202.02A*	60	14/23	PTFE	1	1177
149.202.03	100	19/26	PTFE	1	1232
149.202.03A*	125	19/26	PTFE	1	1232
149.202.04	250	29/32	PTFE	1	1350
149.202.05	500	29/32	PTFE	1	1738
149.202.06	1000	29/32	PTFE	1	2090
149.202.07	2000	29/32	PTFE	1	3883

* Non DIN



Buy Now!

Funnel, Separating, Squibb shape, With PTFE Stopcock

- Compliance with ISO 4800 Standards
- With Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price / Piece
149.209.02	50	19/26	PTFE	1	1309
149.209.03	100	19/26	PTFE	1	1342
149.209.04	250	29/32	PTFE	1	1441
149.209.05	500	29/32	PTFE	1	1617
149.209.06	1000	29/32	PTFE	1	2255
149.209.07	2000	29/32	PTFE	1	3960

Funnel, Separating, Pear (ISO Shape), With Glass Stopcock

- With PE Stopper
- Complies with ISO 4800 Standards

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price /Piece
150.202.02	50	19/26	Solid Glass	1	902
150.202.03	100	19/26	Solid Glass	1	1023
150.204.03A*	125	19/26	Solid Glass	1	1117
150.202.04	250	29/32	Solid Glass	1	1227
150.202.05	500	29/32	Solid Glass	1	1546
150.202.06	1000	29/32	Solid Glass	1	1953
150.202.07	2000	29/32	Solid Glass	1	3300

* Non Din

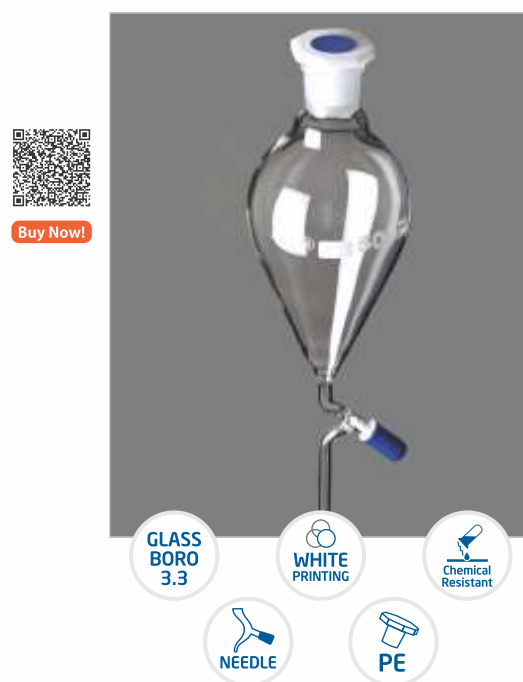


Funnel, Separating, Pear (ISO Shape), With Needle Valve Stopcock

- With PE Stopper
- Complies with ISO 4800 Standards
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price / Piece
151.202.02	50	19/26	Needle Valve	1	770
151.202.03	100	19/26	Needle Valve	1	770
151.204.03A*	125	19/26	Needle Valve	1	785
151.202.04	250	29/32	Needle Valve	1	897
151.202.05	500	29/32	Needle Valve	1	1098
151.202.06	1000	29/32	Needle Valve	1	1624
151.202.07	2000	29/32	Needle Valve	1	2720

* Non Din





Buy Now!

Funnel, Separating, Pear (ISO Shape), With PTFE Stopcock

- With PE Stopper
- Complies with ISO 4800 Standards

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
152.202.02	50	19/26	2.5	PTFE	1	1144
152.202.03	100	19/26	2.5	PTFE	1	1155
152.202.03A*	125	19/26	2.5	PTFE	1	1169
152.202.04	250	29/32	4	PTFE	1	1287
152.202.05	500	29/32	4	PTFE	1	1463
152.202.06	1000	29/32	6	PTFE	1	2066
152.202.07	2000	29/32	6	PTFE	1	3116

* Non Din



Buy Now!

Funnel, Dropping, Cylindrical, With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With PE Stopper
- Complies with ISO 4800 Standards

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
154.203.02	50	14/23	2.5	Solid Glass	1	715
154.204.02*	50	29/32	2.5	Solid Glass	1	704
154.203.03	100	14/23	2.5	Solid Glass	1	699
154.204.03*	100	29/32	2.5	Solid Glass	1	770
154.202.04	250	29/32	4	Solid Glass	1	836
154.202.05	500	29/32	4	Solid Glass	1	1436
154.202.06	1000	29/32	6	Solid Glass	1	2080

* Non Din

Funnel, Dropping, Cylindrical, With Needle Valve Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Available with PE Stopper
- Complies with ISO 4800 Standards

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price / Piece
156.203.02	50	14/23	Needle Valve	1	638
156.204.02	50	29/32	Needle Valve	1	704
156.203.03	100	14/23	Needle Valve	1	699
156.204.03	100	29/32	Needle Valve	1	765
156.202.04	250	29/32	Needle Valve	1	836
156.202.05	500	29/32	Needle Valve	1	1436
156.202.06	1000	29/32	Needle Valve	1	1964



Buy Now!



Funnel, Dropping, Cylindrical, With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With PE Stopper
- Complies with ISO 4800 Standards

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
158.203.02	50	14/23	2.5	PTFE	1	1139
158.204.02*	50	29/32	2.5	PTFE	1	1227
158.203.03	100	14/23	2.5	PTFE	1	1221
158.204.03*	100	29/32	2.5	PTFE	1	1287
158.202.04	250	29/32	4	PTFE	1	1276
158.202.05	500	29/32	4	PTFE	1	1595
158.202.06	1000	29/32	6	PTFE	1	2712



Buy Now!



* Non DIN

Funnel, Dropping, Gilson, With Glass Stopcock

- With PE Stopper



Buy Now!

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
159.202.01	50	19/26	2.5	Solid Glass	1	748
159.202.02	100	19/26	2.5	Solid Glass	1	787
159.202.03	250	29/32	4	Solid Glass	1	935
159.202.04	500	29/32	4	Solid Glass	1	1045
159.202.05	1000	29/32	6	Solid Glass	1	1496
159.202.06	2000	29/32	6	Solid Glass	1	2052

Funnel, Dropping, Gilson, With PTFE Stopcock

- Available with PE Stopper



Buy Now!

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
160.202.01	50	19/26	2.5	PTFE	1	1122
160.202.02	100	19/26	2.5	PTFE	1	1161
160.202.03	250	29/32	4	PTFE	1	1199
160.202.04	500	29/32	4	PTFE	1	1381
160.202.05	1000	29/32	6	PTFE	1	2024
160.202.06	2000	29/32	6	PTFE	1	2767

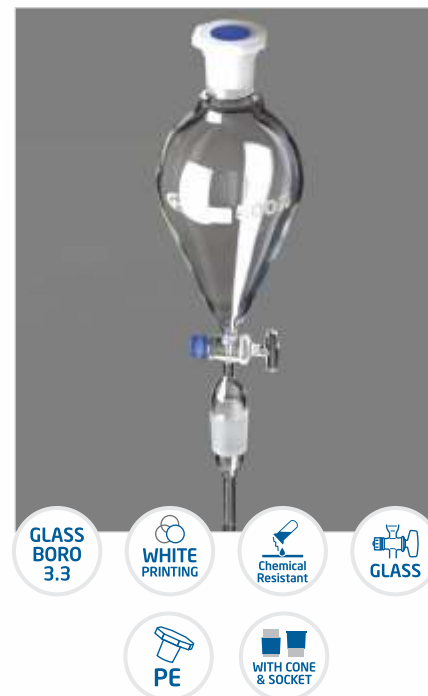
Funnel, Separating, Pear shape, With Glass Stopcock

- Available with PE Stopper
- With cone & stem

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
162.202.03	50	19/26	2.5	Solid Glass	1	682
162.202.05	100	19/26	2.5	Solid Glass	1	759
162.204.06	250	29/32	4	Solid Glass	1	941
162.204.08	500	29/32	4	Solid Glass	1	1177
162.204.11	1000	29/32	6	Solid Glass	1	1667



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

GLASS

PE

WITH CONE
& SOCKET

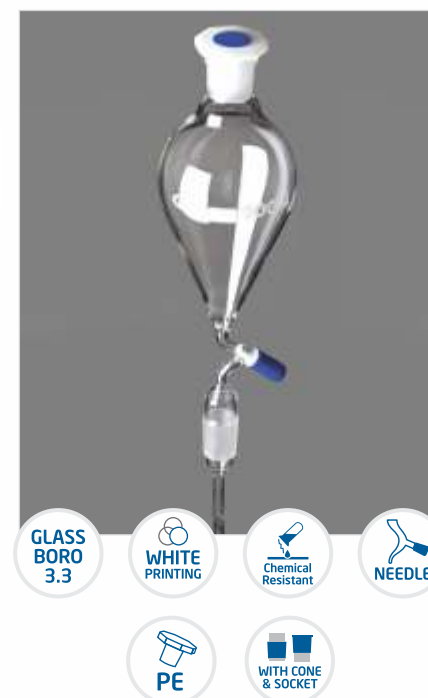
Funnel, Separating, Pear shape, With Needle Valve Stopcock

- Available with PE Stopper
- With cone & stem
- Bore 0-3 mm

Item Code	Capacity (ml)	Socket & Cone N/S	Stopcock Type	Pack of	Price / Piece
163.202.03	50	19/26	Needle Valve	1	556
163.202.05	100	19/26	Needle Valve	1	655
163.204.06	250	29/32	Needle Valve	1	825
163.204.08	500	29/32	Needle Valve	1	1128
163.204.11	1000	29/32	Needle Valve	1	1634



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

NEEDLE

PE

WITH CONE
& SOCKET

Funnel, Separating, Pear shape, With PTFE Stopcock

- With PE Stopper
- With Cone & Stem



Buy Now!

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
164.202.03	50	19/26	2.5	PTFE	1	1254
164.202.05	100	19/26	2.5	PTFE	1	1353
164.204.06	250	29/32	4	PTFE	1	1480
164.204.08	500	29/32	4	PTFE	1	1793
164.204.11	1000	29/32	6	PTFE	1	2497



Funnel, Separating, Pear Shape, With Glass Stopcock

- with stem inside cone



Buy Now!

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
162.210.03	50	19/26	2.5	Solid Glass	1	814
162.210.05	100	19/26	2.5	Solid Glass	1	858
162.210.06	250	29/32	4	Solid Glass	1	1034
162.210.08	500	29/32	4	Solid Glass	1	1298
162.210.10	1000	29/32	6	Solid Glass	1	1788



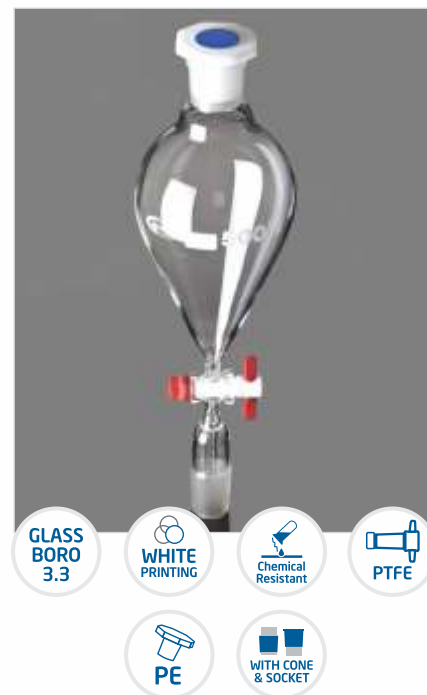
Funnel, Separating, Pear Shape, With PTFE Stopcock

- with stem inside cone

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
164.210.03	50	19/26	2.5	PTFE	1	1359
164.210.05	100	19/26	2.5	PTFE	1	1463
164.210.06	250	29/32	4	PTFE	1	1579
164.210.08	500	29/32	4	PTFE	1	1909
164.210.10	1000	29/32	6	PTFE	1	2662



Buy Now!



Funnel, Separating, Cylindrical, With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With PE Stopper
- With Cone & Stem

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
165.202.02	50	14/23	2.5	Solid Glass	1	671
165.202.02A*	50	29/32	2.5	Solid Glass	1	682
165.202.03	100	14/23	2.5	Solid Glass	1	699
165.202.03A*	100	29/32	2.5	Solid Glass	1	776
165.202.05A	250	29/32	4	Solid Glass	1	946
165.202.06A	500	29/32	4	Solid Glass	1	1238
165.202.07A	1000	29/32	6	Solid Glass	1	1876



Buy Now!



* Non DIN



Funnel, Separating, Cylindrical, With Needle Valve Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With PE Stopper
- With cone & stem



Buy Now!

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price / Piece
166.202.02	50	14/23	Needle Valve	1	594
166.202.02A*	50	29/32	Needle Valve	1	594
166.202.03	100	14/23	Needle Valve	1	611
166.202.03A*	100	29/32	Needle Valve	1	699
166.202.05A	250	29/32	Needle Valve	1	880
166.202.06A	500	29/32	Needle Valve	1	1249
166.202.07A	1000	29/32	Needle Valve	1	2145

* Non DIN



Funnel, Separating, Cylindrical, With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With PE Stopper
- With cone & stem



Buy Now!

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
167.202.02	50	14/23	2.5	PTFE	1	1172
167.202.02A*	50	29/32	2.5	PTFE	1	1210
167.202.03	100	14/23	2.5	PTFE	1	1243
167.202.03A*	100	29/32	2.5	PTFE	1	1326
167.202.05A	250	29/32	4	PTFE	1	1452
167.202.06A	500	29/32	4	PTFE	1	1705
167.202.07A	1000	29/32	6	PTFE	1	2761

* Non DIN

Funnel, Dropping, Cylindrical, Graduated, With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone
- Complies with DIN 4800 Standards
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
165.210.02	50	14/23	2.5	Solid Glass	1	787
165.210.02A*	50	29/32	2.5	Solid Glass	1	814
165.210.03	100	14/23	2.5	Solid Glass	1	825
165.210.03A*	100	29/32	2.5	Solid Glass	1	886
165.210.05	250	29/32	4	Solid Glass	1	1051
165.210.06	500	29/32	4	Solid Glass	1	1348
165.210.07	1000	29/32	6	Solid Glass	1	2008

* Non DIN



Buy Now!



Funnel, Dropping, Cylindrical, Graduated, With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone
- Complies with DIN 4800 Standards
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
167.210.02	50	14/23	2.5	PTFE	1	1271
167.210.02A*	50	29/32	2.5	PTFE	1	1315
167.210.03	100	14/23	2.5	PTFE	1	1342
167.210.03A*	100	29/32	2.5	PTFE	1	1419
167.210.05	250	29/32	4	PTFE	1	1568
167.210.06	500	29/32	4	PTFE	1	1821
167.210.07	1000	29/32	6	PTFE	1	2838

* Non DIN



Buy Now!





GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

GLASS

PE

WITH CONE
& SOCKET



Buy Now!

Funnel, Pressure Equalizing, Cylindrical

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
168.202.01	50	14/23	2.5	Solid Glass	1	1474
168.202.01A	50	29/32	2.5	Solid Glass	1	1557
168.202.02A	100	14/23	2.5	Solid Glass	1	1557
168.202.03A	100	29/32	2.5	Solid Glass	1	1678
168.202.04A	250	29/32	4	Solid Glass	1	1678
168.202.05A	500	29/32	4	Solid Glass	1	2283



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

PTFE

PE

WITH CONE
& SOCKET



Buy Now!

Funnel, Pressure Equalizing, Cylindrical

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
169.202.01	50	14/23	2.5	PTFE	1	2239
169.202.01A	50	29/32	2.5	PTFE	1	2393
169.202.02A	100	14/23	2.5	PTFE	1	2420
169.202.03A	100	29/32	2.5	PTFE	1	2618
169.202.04A	250	29/32	4	PTFE	1	2618
169.202.05A	500	29/32	4	PTFE	1	3130

Funnels, Pressure Equalizing, Pear Shape

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
170.202.01	50	14/23	2.5	Solid Glass	1	1386
170.202.02A	100	14/23	2.5	Solid Glass	1	1441
170.202.04A	250	29/32	4	Solid Glass	1	1524
170.202.05A	500	29/32	4	Solid Glass	1	2497



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

GLASS

WITH CONE
& SOCKET

Funnel, Dropping, Pear Shape

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price / Piece
171.202.01	50	14/23	2.5	PTFE	1	2305
171.202.02A	100	14/23	2.5	PTFE	1	2536
171.202.04A	250	29/32	4	PTFE	1	2690
171.202.05A	500	29/32	4	PTFE	1	3223



Buy Now!



DIN
4800

GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

PTFE

WITH CONE
& SOCKET



Buy Now!

Funnel, Seperatory

- Made of Polypropylene
- Provides excellent contact clarity & Strength
- Is per shaped & autoclavable
- Has leakproof screw cap threaded
- PP stopcock fit ted with self lubricating PTFE plug, is push fitted to the stem of funnels

Item Code	Capacity (ml)	Pack of	Price /Pack
181.303.01	100	2	806
181.303.02	250	2	1042
181.303.03	500	2	1277



Funnel, Separatory, Holder

- Made of Polypropylene
- Non-corrosive front opening provides clear view of the solution, Allows unobstructed placement of separating funnels
- Two tapped wedges ensures firm grip on rods having dia ½" or 3/5"

Item Code	Type	Pack of	Price /Pack
114.303.01	Separator Funnel Holder	12	2568



Buy Now!



Funnel, Holder

- Made of Polypropylene
- Are corrosion free
- Can hold funnels with dia 3" to 6"
- Extra plate provided can be placed to hold funnels bearing dia 1" to 3"
- Two tapered wedges ensure firm grip on Rods having dia 1/2" or 3/8"

Item Code	Type	Pack of	Price /Pack
113.303.01	Funnel Holder	12	835



Buy Now!



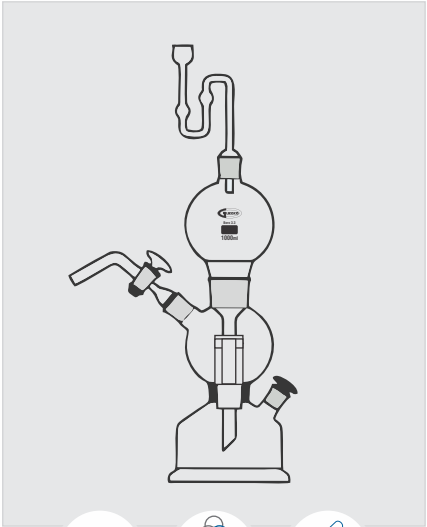
Funnel, Gas Generator

- Manufactured from 3.3 Borosilicate glass for corrosion-free performance
- Produce common gases
- User-friendly



Buy Now!

Item Code	Extractor Length mm	Pack of	Price /Piece
497.202.01	500	1	9400
497.202.02	1000	1	13227



GLASS
BORO
3.3

WHITE
PRINTING

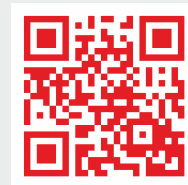
Chemical
Resistant



A Glass Apart



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Leading manufacturing company
in the field of scientific glassware

INDIA'S NO.1 EXPORTERS

5 TIMES CAPEXIL AWARD WINNERS

QR-LabGlass™



Known for simplicity
& unique adaptations

3 DESIGN
PATENT RECEIVED



MANPOWER

EMPLOYEES 950+



INDIAN ENGINEERING

Affordable Technology & Software

Labs-Connect™ BlackDiamond™



IDEAS

which provoke competitors to think a step
ahead inbuilt temp probe, C°/F° Selection

CeraClick-System™



CERTIFIED



WORLDWIDE PRESENCE

in over 83 Countries

USP | DIN | ASTM | ISO

DAN LOGITECH INSTRUMENTS PVT. LTD.

GLASS CERAMIC TOP CeraClick-System™

Magnetic Stirrer with Hotplate

- Powerful 1300 W heater, biggest in class, gives results quickly
- Supplied with Accessories, Probe based thermal control best for direct media temperature control, pH electrode for pH based alarms
- PU Coated Aluminium Alloy Moulded Construction
- Highly scratch and chemical resistant Top
- Even heat distribution on surface of Top
- Large top plate to assist beaker upto 5000 ml
- High Magnetic strength
- Single multi-turn intelligent knob operation
- User settable High temperature cutoff and hard wired cutoff
- Selection of Celsius and Fahrenheit
- Selection of hot plate and probe temperature
- High temperature upto 550°C possible
- Thermal insulation for cool body operation
- Installed with double temperature sensors for safety & fail safe operating mechanism
- Inclusive PT 100 temperature sensor probe
- Digital set up temperature controller with independent LED display
- DIN connector for external temperature probe
- Error code display
- 7X7 inch Glass Cera top supports large vessels upto 5 Ltr.
- CERA click quick removal of top plate.
- WIFI variant adds value labs connect useful for private non pharma labs

Item Code	Volt	Hz	Watts	Price /Piece*
500.DNAG.01	230	50	1300	Price on Request



Buy Now!



500.DNAG

Accessories:

Item Code	Accessories	Price /Piece
550.500.01	Rod Stainless Steel length 500 mm, Ø 12 mm	865
550.500.02	Magnetic Stirring bar 25 mm x 8.25 mm	148
550.500.03	PT 100 sensor probe	2950
550.500.04	Clamp with Boss head	658

Extra Accessories:

Item Code	Accessories	Price /Piece
550.500.05	Glass Ceramic top plate	16500
550.500.06	Knobs	45

Technical Specification :

Heating Plate Material	Glass Ceramic Top Plate
Dimension of Heating Plate	180 mm x 180 mm
Two display windows for	Temperature and RPM
Speed Range	~2000 RPM
Heat Output	1300 W
Temperature Range	Ambient to 550°C
Adjustable safety cut off	580°C
Control accuracy of sensor	± 1K
Weight of body	5.2 kgs
Permissible ambient Temp.	5 - 40°C
Permissible relative moisture	80%
USB Port	Yes (For Programming)
Dimensions of Hot Plate Body	378x220x103
IP Class	21

A) Innovative Spill away (Patent Pending) :



B) Innovative CeraClick-System™ (Patent Pending):

Replacing of Glass Ceramic Plate



HEAT
1300W



STIR
2000 RPM



HEAT/STIR
SELECTION



CELSIUS TO
FAHRENHEIT



TEMPERATURE
Upto 550 °C



PLATE/ PROBE
SELECTION



***Note :** Stainless Steel Rod, Stirring Bar, PT Sensor & Clamp with Boss Head has to be ordered separately)

MAGNETIC STIRRER WITH HOTPLATE ^{New} DIGITAL & PRO (pH)

- Powerful 1300 W heater, biggest in class, gives results quickly.
- Supplied with Accessories, Probe based thermal control best for direct media temperature control, pH electrode for pH based alarms.
- 7X7 inch Glass Cera top supports large vessels upto 5 Ltr.
- CERA click quick removal of top plate.
- WIFI variant adds value labs connect useful for private non pharma labs.

RELIABILITY

- Hot Top warning, UL/CSA certified, very safe for users.
- Precise, microcontroller-based temperature control in both C & F
- Indicates errors automatically in Display.
- Interface easy to use and rugged against spillages. Patented spill away design

DURABILITY

- PU coated body, made from AL Alloy gives infinite rust/damage free life.
- Can carry 20 KG weight. Rugged Motor withstands all voltage fluctuations.

SERVICABILITY & SUPPORT

- Patented Cera Click system for quick service.
- Made in India... Tech support and Spares readily supported.
- Low down times. Value for investment



500.DNDG

Item Code	Volt	Hz	Watts	Price /Piece*
500.DNDG.01	230	50	1300	Price on Request

Accessories:

Item Code	Accessories	Price /Piece
550.500.01	Rod Stainless Steel length 500 mm, Ø 12 mm	865
550.500.02	Magnetic Stirring bar 25 mm x 8.25 mm	148
550.500.03	PT 100 sensor probe	2950
550.500.04	Clamp with Boss head	658

Extra Accessories:

Item Code	Accessories	Price /Piece
550.500.05	Glass Ceramic top plate	16500
550.500.06	Knobs	45

Technical Specification :

Heating Plate Material	Glass Ceramic Top Plate
Dimension of Heating Plate	180 mm x 180 mm
Two display windows for	Temperature and RPM
Speed Range	~2000 RPM
Heat Output	1300 W
Temperature Range	Ambient to 550°C
Adjustable safety cut off	580°C
Control accuracy of sensor	± 1K
Weight of body	5.2 kgs
Permissible ambient Temp.	5 - 40°C
Permissible relative moisture	80%
USB Port	Yes (For Programming)
Dimensions of Hot Plate Body	378x220x103
IP Class	21

A) Innovative Spill away (Patent Pending) :



B) Innovative CeraClick-System™ (Patent Pending):

Replacing of Glass Ceramic Plate



HEAT
1300W



STIR
2000 RPM



HEAT/STIR
SELECTION



CELSIUS TO
FAHRENHEIT



TEMPERATURE
Up to 550 °C



PLATE/ PROBE
SELECTION



***Note :** Stainless Steel Rod, Stirring Bar, PT Sensor, pH Sensor & Clamp with Boss Head has to be ordered separately)

CERAMIC COATED STAINLESS STEEL TOP

Magnetic Stirrer with Hotplate - Digital

- Powerful 650W Heater Heat Evenly, rapidly & given result quickly
- PU Coated Aluminium Alloy Moulded Construction
- Auto Power "ON" possible
- Ceramic coated top plate, chemically resistant and scratch resistant
- Even heat distribution
- Large top plate to assist beakers upto 2000 ml
- Single multi-turn intelligent knob Operation
- High magnetic strength
- Digital set up with independent displays
- Selection of Celsius or Fahrenheit
- Selection of hot plate or probe temperature control.
- Settable safety cut-off for maximum temperature limit for top plate or probe
- Installed with double PT sensors for safety & fail safe operating mechanism
- Only with Battery for domestic
- Inclusive PT 100 temperature sensor probe
- Digital setup of RPM with independent display
- Digital setup of time with independent display
- Count-up indication of minutes and hours
- Audible alarm at time cycle end for safety and ease of unsupervised operation
- Error code display for failures



900.DNDG

Item Code	Volt	Hz	Watts	Top Plate	Price /Piece*
900.DNDG.01	230	50	650	Polished Stainless Steel with Ceramic Coated	Price on Request

Technical Specification :

Heating Plate Material	Ceramic Coated Stainless Steel
Dimension of Heating Plate	Ø 150 mm
Three display windows for	Temp., RPM and Time
Speed Range	50-1500 RPM
Maximum Stirring bar Length	upto 80mm bar (at lower speed)
Temperature Range	Ambient to 350°C Approx.
Adjustable safety cut off	50-400°C
Control accuracy of PT 100	± 1K
Weight of body	3.2 kgs
Dimension of Hot Plate	273x160x102mm
Permissible ambient Temp.	5-40°C
Permissible relative moisture	80%
RS 232 Interface	Yes (For Programming)
Weight of Capacity	20 Ltr
IP Class	32

Accessories:

Item Code	Accessories	Price /Piece
850.800.01	Rod Stainless Steel Length 542mm, Ø 9mm	896
850.800.02	Magnetic Stirring bar 35mmx8mm	148
850.800.03	Moulded PT 100 Sensor	2950
850.800.04	Boss head	621

***Note :** Stainless Steel Rod, Stirring Bar, PT Sensor & Boss Head has to be ordered separately)



ALUMINIUM ALLOY CERAMIC COATED TOP

Magnetic Stirrer with Hotplate - Digital

- Powerful 650W Heater Heat Evenly, rapidly & given result quickly
- PU Coated Aluminium Alloy Moulded Construction
- Auto Power "ON" possible
- Chemically resistant keypad
- Even heat distribution at faster rate
- Thermal insulation for cool body operation
- Digital set up temperature controller with independent LED display
- Set safety cut-off for maximum temperature limit for top plate or probe
- Installed with double PT sensors for fail safe operating mechanism
- Only with Battery for domestic
- Inclusive PT 100 temperature sensor probe
- Audible alarm at time cycle end for safety and ease of unsupervised operation
- Top plate Ø 145 mm to assist beaker upto 2000 ml & Adapter.
- Compatible for use with all major brands top assemblies 1 Cavity, 3 Cavities or Multiple Cavities
- Digital setup of time with independent LED display
- Selection of plate and probe temperature
- Error code display for failures
- Digital setup of RPM with independent LED display
- Count-up indication of minutes and hours
- Single multi-turn intelligent knob Operation
- Selection of Celsius and Fahrenheit
- High magnetic strength



610.DNDG

Item Code	Volt	Hz	Watts	Top Plate	Price /Piece
610.DNDG.01	230	50	650	Aluminum Ceramic Coated	Price on Request



Buy Now!

* Above price exclude aluminum flask adapter

Technical Specification :

Heating Plate Material	Aluminium Alloy with Ceramic Coating
Dimension of Heating Plate	Ø 145 mm
Three display windows for	Temp., RPM and Time
Speed Range	50-1500 RPM
Maximum Stirring bar Length	upto 80mm bar (at lower speed)
Temperature Range	Ambient to 350°C
Adjustable safety cut off	50-400°C
Control accuracy of PT 100	± 1K
Weight of body	3.1 kgs
Dimension of Hot Plate	273x160x102mm
Permissible ambient Temp.	5-40°C
Permissible relative moisture	80%
RS 232 Interface	Yes (For Programming)
Weight of Capacity	20 Ltr
IP Class	32



10 ml 25 ml 50 ml 100 ml

Included Accessories:

Item Code	Accessories	Price /Piece
850.800.01	Rod Stainless Steel Length 542mm, Ø 9mm	896
850.800.02	Magnetic Stirring bar 35mmx8mm	148
850.800.03	Moulded PT 100 Sensor	2950
850.800.04	Boss head	621

* Above price exclude aluminum flask adapter

Item Code	Accessory (Aluminum Adapter for Round Bottom Flasks) Flask Capacity (ml)	Places	Price /Piece
610.ADP00	10 ml	8	14500
610.ADP01	25 ml	7	14500
610.ADP02	50 ml	4	14500
610.ADP03	100 ml	1	15260



STAINLESS STEEL/ALUMINIUM ALLOY
CERAMIC COATED TOP

Magnetic Stirrer with Hotplate - Analog

- PU Coated Aluminium Alloy Moulded Construction
- Easy temperature & Stir controls
- Installed with Safety PT sensor for fail safe operation.
- Hot top indicator for temperatures above 50°C.
- Large top plate to assist beakers upto 2000 ml.
- High magnetic strength.
- Electronic variable speed control with Knob for display.
- Knob for regulating variable temperature.
- Heat reach Indicator, To ensure you correct temperature of plate surface.
- Stirring & temperature indicator
- Error indicators for heat & Stir function inbuilt trouble shoot

Item Code	Volt	Hz	Watts	Top Plate	Price / Piece
710.DNAG.01	230	50	650	SS Ceramic Coated	17400
610.DNAG.01	230	50	650	Aluminum Ceramic Coated	17100



Buy Now!



710.DNAG

Technical Specification :

Heating Mantle Material	: Stainless Steel 304 Grade with Ceramic Coating/Aluminum Alloy with Ceramic Coating
Dimension of heating plate	: Ø145 (For 610DNDG) Ø150 (For 710DNAG)
Speed range	: 50-1600 RPM
Maximum stirring bar Length	: Can use upto 80 mm bar (at lower speed)
Temperature Range	: Ambient to 350°C approx
Dimensions of hot plate body	: 273x160x102mm
Weight of body	: 3.0 kgs
Permissible ambient Temperature	: 5- 40 °C
Permissible relative moisture	: 80%
Weight of Capacity	: 20 Ltr
IP Class	: 22

Included Accessory:

Cat. No.	Accessories
850.800.02	Magnetic Stirring bar 35 mm x 8 mm



HEAT
650W



STIR
1600 RPM



HEAT/STIR
SELECTION



CELSIUS TO
FAHRENHEIT



TEMPERATURE
Upto 350 °C



STAINLESS STEEL CERAMIC COATED TOP

Hotplate - Analog

- Powerful 650W Heater Heat Evenly, rapidly & given result quickly
- PU Coated Aluminium Alloy Moulded Construction
- Auto Power "ON" possible
- Easy Temperature control
- Hot top indicator for temperatures above 50°C
- Large top plate to assist beakers upto 2000 ml
- Heat reach Indicator, To ensure you correct temperature of plate surface
- Temperature Indicator

Item Code	Volt	Hz	Watts	Top Plate	Price / Piece
730.DNAG.01	230	50	30	Stainless Steel top with Ceramic Coating	14500



Buy Now!



730.DNAG

Technical Specification :

Heating Mantle Material	: Stainless Steel 304 Grade/ Ceramic Coated
Dimension of heating plate	: 150 Ø
Temperature Range	: Ambient to 350°C approx
Dimensions of hot plate body	: 273x160x102mm
Weight of body	: 2.0 kgs
Permissible ambient Temperature	: 5- 40 °C
Permissible relative moisture	: 80%
Weight of Capacity	: 30 Ltr
IP Class	: 22



HEAT
650W



HEAT
SELECTION



CELSIUS TO
FAHRENHEIT



TEMPERATURE
Upto 350 °C



STAINLESS STEEL TOP

Magnetic Stirrer - Analog



Buy Now!

720.DNAG



- PU Coated Aluminium Alloy Moulded Construction
- Easy Stir controls
- Large top plate to assist beakers upto 2000 ml.
- Maximum stirring speed upto 1600 RPM.
- High magnetic strength.
- Knob for electronic variable speed control with display.
- Stirring Indicator.
- Error displays & safety for Stir function built in.

Item Code	Volt	Hz	Watts	Top Plate	Price / Piece
720.DNAG.01	230	50	650	Stainless Steel	17800

Technical Specification :

Operating Voltage	: 230V/115V AC, 50/60 Hz
Power	: 30 Watts $\pm$ 10%
Weight	: 2.6 Kgs
Dimensions of Top plate	: Diameter 150mm
Over all dimensions	: 273X160X102mm
Fuse internal	: 1 Amps
Stirring Capacity	: 10 L
Weight of Capacity	: 30 Ltr
IP Class	: 22



STAINLESS STEEL TOP

Magnetic Stirrer - Analog



Buy Now!

725.DNAG

With
Octagon
Base



- PU Coated Aluminium Alloy Moulded Construction
- Easy Stir controls
- Large top plate to assist beakers upto 5000 ml.
- Maximum stirring speed upto 1600 RPM.
- High magnetic strength.
- Knob for electronic variable speed control with display.
- Stirring Indicator.
- Error displays & safety for Stir function built in.

Item Code	Volt	Hz	Watts	Top Plate	Price / Piece
725.DNAG.01	230	50	650	Stainless Steel	18200

Technical Specification :

Operating Voltage	: 230V/115V AC, 50/60 Hz
Power	: 30 Watts $\pm$ 10%
Stirring Capacity	: Upto 1600 RPM
Weight	: 3.0 Kgs
Dimensions of Top plate	: 190X25mm Octagon shape
Over all dimensions	: 275 mm X 190mm X 92mm
Fuse internal	: 1 Amps
Stirring Capacity	: 20000ml
Weight of Capacity	: 30 Ltr
IP Class	: 22



3 STATION MAGNETIC STIRRER WITH HOTPLATE

- PU Coated Mild Steel construction
- Three independently controlled stirring/heating positions.
- Powerful magnets for strong magnetic coupling.
- Easy temperature & Stir controls.
- Installed with Safety PT sensor for fail safe operation.
- LED hot top indicator for temperatures above 50°C for each station.
- Electronic variable speed control with Knob for display.
- Knob for regulating variable temperature.
- Heat reach Indicator, To ensure you correct temperature of plate surface.
- Stirring Indicator
- LED error code displays & safety for heat & Stir function inbuilt trouble shoot.



716.DNAG.01

Item Code	Volt	Hz	Watts	Top Plate	Price /Piece
716.DNAG.01	230	50	(450x3) 1350	SS	Price on Request

Technical Specification :

Heating plate material	Stainless Steel
Dimension of heating plate	150 Ø RPM
Volume cap.	2000ml each station
Speed range	1600 RPM
Stirring position	3
Maximum stirring range	Can use upto 80mm bar Lower speed
Maximum plate temperature	350 °C
Overall dimensions (mm)	505 x 246 x 195 (LxWxH)
Plate dimensions (mm)	504 x 175 x 30 (LxWxH)
Net weight (kg)	7.0 kg (Approx.)
Permissible ambient temp.	5-40 °C
Permissible relative humidity	80%
IP Class	21



HEAT
1350W



STIR
1600 RPM



HEAT/STIR
SELECTION



CELSIUS TO
FAHRENHEIT



TEMPERATURE
Upto 350 °C

DIGITAL FLAT STIRRER

- Unibody design gives IP65 performance
- Ultra-flat compact magnetic stirrer, guaranteed with modern magnet coil technology.
- Wear-free drive with no moving parts.
- 7 Stirring modes for better mixing
- Moterless, No Noise
- Fail proof, Long working

Product Features

- Set-up plate and casing made from chemically resistant materials
- Slip-proof, safe stand
- Max. stirring quantity (H₂O): 800 ml
- Speed range: 10 - 1500 rpm



430.DNDG.01

Model No.	V	Hz	Price/Piece
430.DNDG.01	100-240	50	12500



Buy Now!

Technical Specification :

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O)	0.8 l
Speed Range	10 - 1500 rpm
Stirring Bar Length Max.	25 mm x 8 mm
Set-up Plate Material	polyester
Set-up plate dimensions	Ø 100 mm
Dimensions (W x H x D)	122 x 12 x 182 mm
Weight	450 Gms
Permissible Ambient Temperature	5 - 40 °C
Permissible Relative Humidity	80 %
Voltage	100 - 240 V
Frequency	50/60 Hz
Power input	6 W
Weight of Capacity	10Kg
IP Class	65



STIR
1500 RPM



TIMER
00:01-99:59



STIR/TIME
DISPLAY



7 MODE
CHOICES



MAGNETIC STIRRER-DIGITAL

- Large display allow viewing from distance
- Powerful magnet stirrer large volume
- Acceleration adjust for volume & viscosity combination
- Auto power 'ON' possible
- Detachable wire & wireless remote add value for placing under large vessel
- SS 304 construction
- Large surface to assist large vessels upto 20, 30 40 & 50L
- High magnetic strength
- Electronic variable speed control
- Independent display for RPM & Time
- Choice of 7 modes of rotation
- Power adjust feature
- Optional remote



450.DNDG

Item Code	Volt	Hz	Watts	Cap. (Ltr.)	Top Plate	Price /Piece
420.DNDG.01	100-240	50/60	50	20	SS 304 Grade	Price on Request
440.DNDG.01	100-240	50/60	50	40	SS 304 Grade	Price on Request
450.DNDG.01	100-240	50/60	50	50	SS 304 Grade	Price on Request
4100.DNDG.01	100-240	50/60	50	100	SS 304 Grade	Price on Request
4200.DNDG.01	100-240	50/60	50	200	SS 304 Grade	Price on Request

Technical Specification :

Speed range	100 - 2000 rpm
Timer range	0:01 to 99:59 (HH:MM)
Stirring power mode	50%,75%,100%
Acceleration mode	Yes
Timer bypass	Yes
Display type	Led segment
Stirring power (max.)	50W
Operating voltage	24VDC
Power supply	100-240 VAC / 50-60 Hz / 2A
Dimensions (WxDxH)	370x415x115mm
Weight Approx.	11Kg
Material Housing	Stainless steel-304
Permitted operation conditions	5 to 40 °C (at 80% humidity)
Protection category	IP20



STIR
2000 RPM



STIR MODES
SELECTION



INFRARED
SENSOR



OPTIONAL
REMOTE



7 MODE
SELECTION



POWER
SELECT



5-POSITION MAGNETIC STIRRER WITH HEATING-DIGITAL

- Robust Metallic Construction
- Designed for synchronous heating and stirring
- Suitable for continuous unsupervised operation
- Silicone mat for anti-skid.
- The magnetic coil motorless technology provides noiseless and consistent stirring on all positions
- Homogeneous temperature distribution across the heating plate
- Hot top warning indication
- Timer function & Auto power 'ON' possible
- Multiple modes with mode selection key
- Constant stirring speeds even with viscosity changes
- SPC-mode for a low self-warming of the surface
- Error codes display
- Can be operated with **Labs-connect App** over Wifi/USB Controls

Model No.	V	W	Hz	Price /Piece
411.DNDG.01	230	220	50	Price on Request



Buy Now!



411.DNDG.01

Technical Specification :

Set-up plate material	Aluminium
Silicone Mat	Yes
Number of stirring positions	5
Stirring position distance	90 mm
Speed range	0 - 1000 rpm
Speed control	10 RPM Steps
Stirring quantity max.	2L
Stirring bar length max.	30mm x 8mm
Heating temperature range	Room temp. - 120°C
Control display	LED
Input Type	Key Button
Adjustable safety circuit min.	50°C
Adjustable safety circuit max.	130°C
Timer range	00:01 to 99:59 [HH: MM]
Set-up plate dimensions	514x122mm
Dimensions (W x H x D)	600 x 120 x 80 mm
Weight	4.4 (Approx.)
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	Ip40

Included Accessories: (For 411.DNDG)

Cat. No.	Accessories
1500.150.01	(5) Magnetic Stirring bar 30mm x 8mm



STIR
1000 RPM



HEAT & STIR
SETUP



TEMPERATURE
Upto 120 °C



6 MODE
CHOICES



15-POSITION DIGITAL MAGNETIC STIRRER WITH HEATING

- Robust Metallic Construction
- Suitable for continuous unsupervised operation
- Designed for synchronous heating and stirring
- The magnetic coil motorless technology provides noiseless and consistent stirring on all positions
- Homogeneous temperature distribution across the heating plate
- Hot top warning indication
- Timer function
- Adjustable reverse operation for stirring
- Stirring speed remains constant, even when load changes
- SPC-mode for a low self-warming of the surface
- Multiple operating modes selection
- Error codes display
- Continuous stir modes possible
- Can be operated with **Labs-connect App** over Wifi/USB Controls
- Double ventilation for inside to keep for long unsupervisonal use
- Auto power 'ON' possible

Item Code	Volt	Hz	Watts	Price /Piece
415.DNDG.01	230	50	750	Price on Request
414.DNDG.02	230	50	750	Price on Request



Buy Now!

Technical Specification :

Set-up plate material	: Aluminum
Silicone mat	: Yes
Number of stirring positions	: 15
Stirring position distance	: 90 mm
Speed range	: 0 - 1000 rpm
Speed control	: 10 RPM Steps
Stirring quantity max. (H ₂ O)	: 6L (400mlx15)
Stirring bar length max.	: 30mm x 8mm
Heating temperature range	: Room temp. to 120°C
Display type	: LED
Input Type	: Key Button
Adjustable safety circuit min.	: 50°C
Adjustable safety circuit max.	: 130°C
Timer range	: 00:01 to 99:59 [Hour: Minute]
Set-up plate dimensions	: 274x504mm
Dimensions (W x H x D)	: 281x81x609mm
Weight	: 10.6 Kg (Approx.)
Permissible ambient temperature	: 5 - 40 °C
Permissible relative humidity	: 80 %
Protection class according to DIN EN 60529	: IP40



415.DNDG.01

*Also available
without Temperature*



414.DNDG.02

Included Accessories:

Item Code	Accessories
1500.150.02	(15) magnetic Stirring bar 30mm x 8mm

6 MODE CHOICES

STIR 1000 RPM

TIMER 00:01-99:59

TEMPERATURE Upto 120 °C

CELSIUS & FAHRENHEIT

HEAT/STIR/TIME DISPLAY

CONTINUOUS STIR MODE KEY



HEATING MANTLE-ANALOG

BlackDiamond™

- PU Coated Aluminium & Stainless Steel construction
- Simply set power knob to attained selected values
- Designed for advanced Laboratory usage
- SS & Aluminium Construction
- For Round Bottomed Flasks as per DIN - 12347
- Glass fibre yarn knitted mantle provides uniform heating to flask
- Predictable electronic power regulator
- Provision to attach accessories
- Innovative spill collect system enables collection of spillage in case of breakage of flasks upto 5 Ltr
- Fewer parts give longer life
- Easy to use and maintain



1220.DNEU

Model No. (230V, 50Hz)	Capacity (ml)	Watts	Dimension (WxDxH)	Price / Piece
1220.DNEU.01	100*	200	167x240x182	9400
1220.DNEU.02	250*	200	167x240x182	9400
1220.DNEU.03	500*	250	217x287x203	10500
1220.DNEU.04	1000*	350	217x287x203	10500
1220.DNEU.05	2000*	500	309x390x262	13500
1220.DNEU.06	3000*	500	309x390x262	13500
1220.DNEU.08	5000*	650	309x390x262	14200
1220.DNEU.09	6000	650	-	Price on Request
1220.DNEU.10	10000	1250	-	Price on Request
1220.DNEU.11	20000	1850	-	Price on Request



Buy Now!



Spill collect system

*For lower volumes only.

Technical Specification :

Heating Mantle Body	Metallic, SS & Aluminium construction
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 20000ml (as per DIN 12347)
Temperature Range	~400°C
Control Accuracy	10%
Heating Control	Variable
Weight	1.7 Kgs
Permissible Ambient Temperature	5- 40 °C
Permissible relative moisture	80%
IP Class	10

The spill protect feature is provided in models upto 5000ml.

Optional Accessories

Item Code	Accessories
850.800.01	SS Rod (542mm, Ø 9mm) Bosshead



HEAT
200-1850W



TEMPERATURE
Upto 400 °C



CAPACITY
Upto 100-20000ml



HEATING MANTLE-DIGITAL

BlackDiamond™

- PU Coated Aluminium & Stainless Steel construction
- Designed for advanced Laboratory usage
- Control the temperature of subject in flask using probe
- Temperature control with digital display
- Celsius/Fahrenheit selection
- Mantle/Probe selection
- SS & Aluminium Construction
- For Round Bottomed Flasks as per DIN - 12347
- Glass fibre yarn knitted mantle provides uniform heating to flasks
- Innovative spill collect system enables collection of spillage in case of breakage of flasks
- Fewer parts give longer life
- Easy to use and maintains
- Provision to attach accessories
- Auto Power 'ON' possible
- Glass fibre Insulation saves power wastage
- Probe based low temperature of liquid



1222.DNEU

Model No. (230V, 50Hz)	Capacity (ml)	Watts	Dimension (WxDxH)	Price / Piece
1222.DNEU.01	100*	200	167x240x182	15000
1222.DNEU.02	250*	200	167x240x182	15000
1222.DNEU.03	500*	250	217x287x203	16400
1222.DNEU.04	1000*	350	217x287x203	16400
1222.DNEU.05	2000*	500	309x390x262	22500
1222.DNEU.06	3000*	500	309x390x262	22500
1222.DNEU.08	5000*	650	309x390x262	22500



Buy Now!



Spill collect system

Technical Specification :

Heating Mantle Body	Metallic, SS & Aluminium construction
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 6000ml
Heating Control	Microprocessor based PID
Temperature Range	~400°C
Control Accuracy	10%
Weight	2.4 Kgs
Permissible Ambient Temperature	5- 40 °C
Permissible relative moisture	80%
IP Class	10



HEAT
650W



TEMPERATURE
Upto 400 °C



CAPACITY
Upto 5000ml



HEAT
KNOB



CELSIUS TO
FAHRENHEIT



HEATING MANTLE WITH STIRRER - ANALOG

BlackDiamond™

- PU Coated Aluminium & Stainless Steel construction
- Designed for advanced Laboratory usage
- SS & Aluminium Construction
- For Round Bottomed Flasks as per DIN - 12347
- Glass fibre yarn knitted mantle provides uniform heating to flasks
- Predictable electronic power regulator
- Knob for stir speed control upto 800 RPM
- Innovative spill collect system enables collection of spillage in case of breakage of flasks
- Fewer parts give longer life
- Easy to use and maintain
- Provision to attach accessories

With
STIRRER

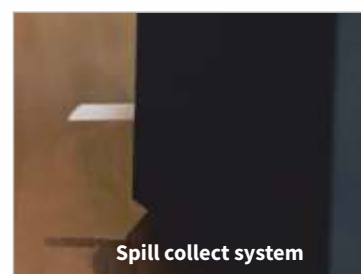


1223.DNEU

Model No. (230V, 50Hz)	Capacity (ml)	Watts	Dimension	Price / Piece
1223.DNEU.01	100	220	167x240x182	15000
1223.DNEU.02	250	220	167x240x182	15000
1223.DNEU.03	500	270	217x287x203	15000
1223.DNEU.04	1000	370	217x287x203	16200
1223.DNEU.05	2000	520	309x390x262	19500
1223.DNEU.06	3000	520	309x390x262	19500
1223.DNEU.08	5000	670	309x390x262	19500



Buy Now!



Spill collect system

The spill protect feature is provided in models upto 5000ml.

Technical Specification :

Heating Mantle Body	Metallic, SS & Aluminium construction
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 5000ml
Temperature Range	~400°C
Control Accuracy	10%
Variable speed range	~800 RPM
Weight	2.5 Kgs
Permissible Ambient Temperature	5- 40 °C
Permissible relative moisture	80%
IP Class	10

Included Accessories

Item Code	Accessories
1500.150.01	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)
1500.150.02	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)



HEAT
220-670W



TEMPERATURE
Upto 400 °C



STIR
800 RPM



HEAT & STIR
KNOBS



HEATING MANTLE WITH STIRRER-DIGITAL

BlackDiamond™

- PU Coated Aluminium & Stainless Steel construction
- Designed for advanced Laboratory usage
- Control the temperature of subject in flask using probe
- Temperature control with digital display built in magnetic stirring
- Celsius/Fahrenheit selection
- Mantle/Probe selection
- SS & Aluminium Construction
- For Round Bottomed Flasks as per DIN - 12347
- Glass fibre yarn knitted mantle provides uniform heating to flasks
- Innovative spill collect system enables collection of spillage in case of breakage of flasks
- Fewer parts give longer life & Easy to use and maintains
- Provision to attach accessories
- Electronic stir speed control
- Glass fibre Insulation saves power wastage
- Auto Power 'ON' possible



1221.DNEU

Model No. (230V, 50Hz)	Capacity (ml)	Watts	Dimension	Price / Piece
1221.DNEU.01	100	220	167x240x182	21800
1221.DNEU.02	250	220	167x240x182	21600
1221.DNEU.03	500	270	217x287x203	23100
1221.DNEU.04	1000	370	217x287x203	23100
1221.DNEU.05	2000	520	309x390x262	27500
1221.DNEU.06	3000	520	309x390x262	28000
1221.DNEU.08	5000	670	309x390x262	30000



Buy Now!



Spill collect system

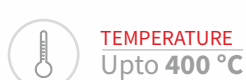
The spill protect feature is provided in models upto 5000ml.

Technical Specification :

Heating Mantle Body	Metallic, SS & Aluminium construction
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 5000ml
Heating Control	Microprocessor based PID
Stir Control	Microprocessor based
Temperature Range	~400°C
Control Accuracy	10%
Weight	2.5 Kgs
Variable Speed Range	~800 RPM
Permissible Ambient Temperature	5- 40 °C
Permissible relative moisture	80%
IP Class	10

Included Accessories

Item Code	Accessories
1500.150.01	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)
1500.150.02	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)
850.800.01	SS Rod (542mm, Ø 9mm)
850.800.03	Moulded PT 100 Sensor probe
850.800.04	Bosshead



ADVANCED HEATING MANTLE WITH STIRRER

BlackDiamondTM PRO

- PU Coated Aluminium & Stainless Steel construction
- Setable temperature trigger to sound alarm
- Infinite stirring/ time provided also
- Designed for advanced Laboratory usage
- SS & Aluminium Construction
- For Round Bottomed Flasks as per DIN - 12347
- Single shuffle knob to set temperature, stir speed & time of activity
- Independent keys for C/F selection & mantle/probe selection
- Accurately Control liquid temp. with included PT 100 sensor probe
- Glass fibre yarn knitted mantle provides uniform heating to flasks
- Innovative spill collect system enables collection of spillage in cases of breakage of flasks
- Probe based prescribed control of liquid
- Auto Power 'ON'
- Rugged SP motor

Model No. (230V, 50Hz)	Capacity (ml)	Watts	Dimension	Price / Piece
1225.DNEU.01	100	220	240x315x203	27200
1225.DNEU.02	250	220	240x315x203	27200
1225.DNEU.03	500	270	240x315x203	27500
1225.DNEU.04	1000	370	240x315x203	27500
1225.DNEU.05	2000	520	309x390x262	31750
1225.DNEU.06	3000	520	309x390x262	31750
1225.DNEU.08	5000	670	309x390x262	32800

Technical Specification :

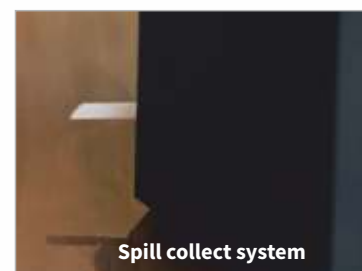
Operating voltage	230VAC/50Hz
Display type	LED segment
Temperature range	~400 °C
Temperature step size	1°C
Temperature resolution	±1°C
Stir range	50 to 800RPM
Stir step size	50RPM
Weight	3.2 Kgs
Timer range	00:01 to 99:59
Timer step size	00:01
External probe connection	DIN Port
IP Class	10



1225.DNEU



Buy Now!



Spill collect system

The spill protect feature is provided in models upto 5000ml.

Included Accessories

Item Code	Accessories
1500.150.01	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)
1500.150.02	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)
850.800.01	SS Rod (542mm, Ø 9mm)
850.800.03	Moulded PT 100 Sensor probe
850.800.04	Bosshead



HEAT
220-670W



STIR
800 RPM



HEAT/STIR/TIME
SELECTION



MANTLE/PROBE
SELECTION



TIMER
00:01-99:59



TEMPERATURE
Upto 400 °C



HEAT/STIR/TIME
DISPLAY



CELSIUS TO
FAHRENHEIT



HEATING MANTLE COMBINED UNIT

- PU Coated Mild Steel construction
- Heating Mantle Combined unit made of M. steel
- ON-OFF knob for heat power control
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Easy maintenance
- Long Life
- Also Available with metallic stand 1100.EU



2600.DNEU

Model No. (230V, 50Hz)	Capacity (ml)	Watts	No. of Position of regulator	Price / Piece
2600.DNEU.01	100	600	3/3	21300
2600.DNEU.02	250	600	3/3	21700
2600.DNEU.03	500	750	3/3	23900
2600.DNEU.04	100	1200	6/6	27500
2600.DNEU.05	250	1200	6/6	30100
2600.DNEU.06	500	1500	6/6	31500



Buy Now!

Included Accessories

Item Code	Accessories
2000.200.01	Vertical Rod Stainless Steel length 542 mm, Ø 9.8 mm
2000.200.02	Horizontal Rod Stainless Steel length 972 mm, Ø 9.8 mm
2000.200.03	8/5 Boss Head
2000.200.04	6/3 Clamp



Buy Now!

Technical Specification :

Heating Mantle Body	Made of MS
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 500ml
Temperature Range	Approx. 400°C
Heating Control	Energy regulator
Dimension	495 x 246 x 200
Permissible Ambient Temperature	5- 40 °C
Weight	10.2 Kgs
Permissible relative moisture	80%
IP Class	10



HEAT
600-1500W



**HEAT
SELECTION**



CAPACITY
Upto 500ml



TEMPERATURE
Upto 400 °C

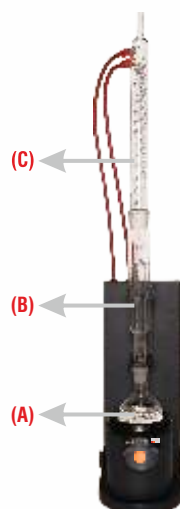


MANTLE BODY
MILD STEEL

SINGLE SOXHLET EXTRACTION UNIT

Extraction unit metal stand with heating mantle

Model No. (230V, 50Hz)	Capacity (ml)	Watts	Dimension	No. of Position of regulator	Price / Piece
1101.DNEU.02	100	200	280x210x520	1/1	14900
1101.DNEU.03	250	200	280x210x520	1/1	15100
1101.DNEU.04	500	250	280x210x520	1/1	15300



***For soxhlet extraction apparatus,
Please see Page no. 118**



HEATING MANTLE COMBINED UNIT WITH STIRRER

- PU Coated Mild Steel construction
- Heating Mantle Combined unit made of M. steel
- ON-OFF knob for heat power control
- Stir speed control also available
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Easy maintenance
- Long Life
- Also available with Metallic Stand 1600.EU



2300.DNEU



Buy Now!

Model No. (230V, 50Hz)	Capacity (ml)	Watts	No. of Position of regulator	Price / Piece
2300.DNEU.01	100	660	3/3	Price on Request
2300.DNEU.02	250	660	3/3	Price on Request
2300.DNEU.03	500	810	3/3	Price on Request

Included Accessories

Item Code	Accessories
2000.200.01	Vertical Rod Stainless Steel length 542 mm, Ø 9.8 mm
2000.200.02	Horizontal Rod Stainless Steel length 972 mm, Ø 9.8 mm
2000.200.03	Boss Head
2000.200.04	Clamp

Technical Specification :

Heating Mantle Body	Made of Mild Steel
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 500ml
Valuable Stirring speed	750 RPM
Temperature Range	Approx. 400°C
Heating Control	Electronic power regulator
Stir Control	Electric regulator
Dimension	495 x 246 x 200
Permissible Ambient Temperature	5- 40 °C
Weight	7.3 Kgs
Permissible relative moisture	80%
IP Class	10



HEAT
660-810W



TEMPERATURE
Upto 400 °C



HEAT/STIR
SELECTION



STIR
750 RPM



MANTLE BODY
MILD STEEL

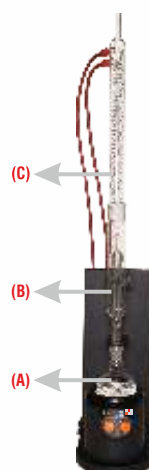


CAPACITY
Upto 500ml

SINGLE SOXHLET EXTRACTION WITH STIRRER

Extraction unit metal stand with heating mantle stirrer

Model No. (230V, 50Hz)	Capacity (ml)	Watts	No. of Position of regulator	Price /Piece
1601.DNEU.01*	100	220	1/1	20200
1601.DNEU.02*	250	220	1/1	20500
1601.DNEU.03*	500	270	1/1	21900



***For soxhlet extraction apparatus,
Please see Page no. 118**



DIGITAL OVERHEAD STIRRER WITH WIFI

- Independent LED display for RPM & Timer 99:59 (HH:MM)
- User Friendly
- Brushless DC motor
- Liquid cannot reach internal components due to front safeguard
- Audible alarm for error conditions
- Effective stirring provides clock wise & anti clock wise stirring modes
- Prominent used in chemical synthesis, pharmaceuticals, physical & chemical analysis, petrochemical, cosmetics, health products, foods, biotechnology & so on
- Can be operated with [Labs-connect App](#) over Wifi/USB Controls
- Auto power 'ON' possible



Model No.	V	Hz	Price/Piece*
6050T.DNEU.01	100-240	50/60	Price on Request
6100T.DNEU.01	100-240	50/60	Price on Request



Buy Now!

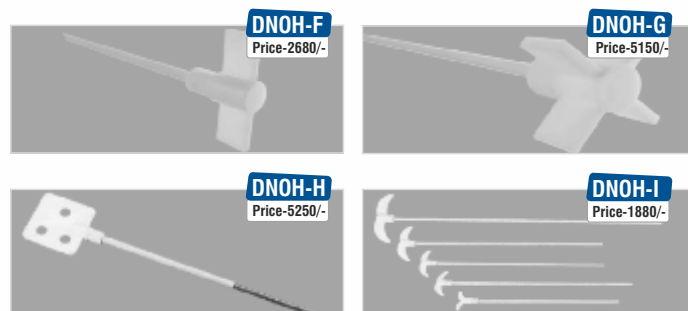
Technical Specification :

Model No.	6050T.DNEU	6100T.DNEU
Speed Range	50-1500RPM	50-3000RPM
Max. Torque	80N.cm	65N.cm
Max. Viscosity	10000 mPass	6000 mPass
Max. Stirring	60L	40L
Timing Range	1min - 99:59min	1min - 99:59min
T-On Time	5 - 999 Sec	5 - 999 Sec
T-Off Time	0, 5 - 999 Sec	0, 5 - 999 Sec
Wifi Control	Yes	Yes
Temperature Measurement	Yes	Yes
Stirring Shaft Extension Feature	Yes	Yes
Stirring Modes	Yes	Yes
Motor Type	BLDC	BLDC
Operating Voltage	24VDC	24VDC
Supply Voltage	100 - 240Vac, 50/60Hz	100 - 240Vac, 50/60Hz
Power	130	130
Dimension	90x240x220mm	90x240x220mm
Net Weight	11.4kg	11.4kg
IP Class	54	54

6050T/6100T.DNEU



Optional Accessories



*Impellers, stands, PT 100 Sensor and boss head clamps to be ordered separately

DIGITAL OVERHEAD STIRRER WITHOUT WIFI

- Independent LED display for RPM & Timer 99:59 (HH:MM)
- User Friendly
- Brushless DC motor
- Liquid cannot reach internal components due to front safeguard
- Audible alarm for error conditions
- Effective stirring provides clock wise & anti clock wise stirring modes
- Prominent used in chemical synthesis, pharmaceuticals, physical & chemical analysis, petrochemical, cosmetics, health products, foods, biotechnology & so on
- Auto power 'ON' possible

Model No.	V	Hz	Price/Piece*
6050.DNEU.01	100-240	50/60	Price on Request
6100.DNEU.01	100-240	50/60	Price on Request



Buy Now!

Technical Specification :

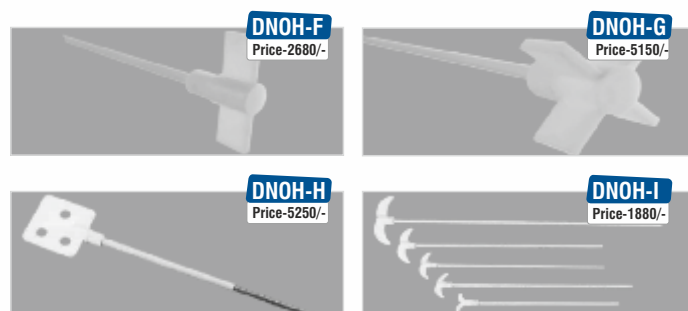
Model No.	6050.DNEU.01	6100.DNEU.01
Speed Range	50-1500RPM	50-3000RPM
Max. Torque	80N.cm	65N.cm
Max. Viscosity	10000 mPass	6000 mPass
Max. Stirring	60L	40L
Timing Range	1min - 99:59min	1min - 99:59min
T-On Time	5 - 999 Sec	5 - 999 Sec
T-Off Time	0, 5 - 999 Sec	0, 5 - 999 Sec
Wifi Control	No	No
Temperatue Measurement	No	No
Stirring Shaft Extension Feature	Yes	Yes
Stirring Modes	Yes	Yes
Motor Type	BLDC	BLDC
Operating Voltage	24VDC	24VDC
Supply Voltage	100 - 240Vac, 50/60Hz	100 - 240Vac, 50/60Hz
Power	130	130
Dimension	90x240x220mm	90x240x220mm
Net Weight	11.2 kg	11.2 kg
IP Class	54	54



6050/6100.DNEU



Optional Accessories



*Impellers, stands, PT 100 Sensor and boss head clamps to be ordered saparety

ORBITAL SHAKER

Product Features

- Compact design
- Available with Flat platform (Cat. No. 3500.303.01)
- Built in DC brushless motor
- Microprocessor controlled
- User-Friendly
- Application in molecular biology, immunology, chemistry lab
- Low consumption
- Maximum stirring speed upto 300RPM
- Digital set up of RPM and time with independent LED display
- Audible alarm at time cycle end for safety and ease of unsupervised operation
- Silent and stable operation
- Compatible for use with various capacity conical flasks and different sample containers.



3500.DNEU.01



Buy Now!

Model No.	V	Hz	Price/Piece
3500.DNEU.01	100-240 V	50/60	Price on Request

Included :

Platform, Flat, Non-Slip Mat



Technical Specification :

Shaker Body Material	Plastic
Speed Range	50-300 RPM
Orbit	20 MM
Dimensions of Body	284 x 264 x 108 mm
Max. Loading Capacity	2.0kgs
Permissible ambient Temp.	5 - 45°C
Weight	7.24 Kgs
Voltage	AC 100 - 240V (50/60 Hz)
Timing Range	1min - 99Hrs 59Min
IP Class	20

General Optional Accessories

**Platform, Flat,
Non-Slip Mat**



3500.303.01

Platform, Double



3500.303.02

**Platform, Universal,
with 3 secured bars**



3500.303.03

**Platform with clamps,
6 Places (250ml)**



3500.303.04

**Platform with clamps,
12 Places (100ml)**



3500.303.05

**Platform universal
for tubes**



3500.303.06



STIR
300 RPM



TIMER
00:01-99:59



LOAD CAPACITY
2.0 Kgs



**STIR/TIME
DISPLAY**



INCUBATOR SHAKER WITH COOLING

Product Features

- SS 304 Internal
- PU coated outer body made of mild steel
- Compact design
- Available with Flat platform
- BLDC motor driven
- Microprocessor controlled
- User-Friendly
- Application in molecular biology, immunology, chemistry lab
- Low power consumption
- Maximum stirring speed upto 300RPM
- Digital set up of RPM and time with independent LED display
- Audible alarm at time cycle end for safety and ease of unsupervised operation
- Silent and stable operation
- Compatible for use with various capacity conical flasks and different sample containers
- Powerful efficient 800W Heater



3900.DNEU.01

Model No.	V	Hz	Price/Piece
3900.DNEU.01	230 V	50	Price on Request



Buy Now!

Technical Specification :

Shaker Body Material	: Metal
Speed Range	: 50~300 rpm
Fan Speed	: 2000~3200 rpm
Orbit (Horizontal)	: 20 mm
Dimensions of Body	: 609x770x515 (WxDxH)
Platform Size	: 480x315x80 (WxDxH)
Permissible ambient Temp.	: 20 - 30°C (Approx.)
Temp. Control Range	: 4-60°C
Power	: AC 230V, 800 W
Timer	: 1min - 99Hrs 59Min
Temp. Control Accuracy	: $\pm 0.3^{\circ}\text{C}$
IP Class	: 30
Can Handle	: upto 20Kg



STIR
300 RPM



TIMER
00:01-99:59



TEMPERATURE
Upto 60°C



CELSIUS TO FAHRENHEIT



HEAT/STIR/TIME BUTTON



HEAT/STIR/TIME DISPLAY



VORTEX SHAKER

Product Features

- Outer shell and touch concave are made of plastic & silicone which has resistance to chemical attacks.
- The thick base makes it very steady and reliable.
- The maximum diameter of the mixed tube is up to 30mm. Suitable for mixing tubes / centrifugal tubes with prominent mixing effect.
- 12V low voltage power adapter driven, very smart and portable. Various speed adjustment with indicator.



Model No.	V	Hz	Price/Piece
3700.DNEU.01	100-240 V	50/60	9700



Buy Now!

3700.DNEU.01

Technical Specification :

Body Material	Main Frame : ABS, Caps : Silicone Rubber, Base : Steel Alloy
Speed Range	0~4000 RPM
Max. Capacity	50ml tube (Ø30 mm)
Dimension (WxDxH)	114 x 114 x 93mm
Shaking Orbit	4.5mm
Voltage	DC 12V 1A
Power	12W
Net Weight	900 gms
IP Class	62



POWER
12 W



STIR
4000 RPM



CAPACITY
50ml Tube



MINI CENTRIFUGE

Product Features

- Patented high tech motor causes low working noise
- Produce low vibration with advanced shock absorbers
- Compact design and can carry higher volume of 2 ml x 8 places
- Easy replacement of rotor
- Maximum relative centrifugal force upto 3260G
- Fast Stopping in 15 seconds with cover breaking time of 3 seconds.
- Spatial rotation for 360° are shape, low windage resistance with slow temperature increase
- Filtration & voltage regulation function makes smooth running of unit & causes low rotation difference.

Model No.	V	Hz	Price/Piece
5000.DNEU.01	230 V	50	12900



Buy Now!



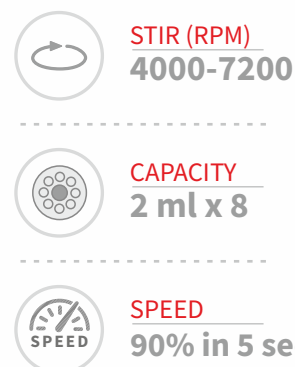
5000.DNEU.01

Technical Specification :

Body Material	Main Frame : ABS, Cover : PC, Adapter : PP, Absorber : NBR, Roller : ABS
Speed Range	4000 & 7200 RPM (±20%)
RCF	810~3260xg
Rotor types	Rotor, 2ml x 8 and 0.2ml x 8, 0.2ml x 8 tubes strip x 2 rows
Max. Capacity	2ml x 8
Dimension (WxDxH)	174x157x130mm
Speed Control type	Constant speed
Driving Speed	Direct drive
Brake System	Dynamic
Acceleration Time	90% speed in 5 seconds
Deceleration Time	Cover closed within 15 seconds, cover opens within 6 seconds
IP Class	54

Included Accessories

Rotor Selection :	5000.303.01	2ml x 8, 0.5ml, 0.2ml adapter each 8 pcs
	5000.303.02	2ml x 8, 8 x 0.2ml tubes strip x 2 rows



MINI SHAKER

Compact, universal small shaker suitable for shaking tasks with all small vessels with adapters and microtiter plates

- PU Coated aluminum Alloy Construction
- 2 in 1 vortex with shot mode & shaking mode gives result quickly
- Support thirteen different adaptors
- Wide range of attachments available
- Timer with countdown function
- Stable in all speed ranges
- Sturdy Aluminum die cast casing
- Continuous or touch/shot operation (with standard attachment)
- Audible timer by pass mode for uninterrupted non stop use

Model No.	V	Hz	Price/Piece
3800.DNEU.01	100-240 V	50/60	Price on Request



Buy Now!

Technical Specification :

Type of movement	Orbital
Shaker Diameter	3 mm
Permissible orbit weight (incl. attachment)	0.5 kg
Permissible ON time	100%
Speed min (adjustable)	200 rpm
Speed range	200 - 3000 rpm
Speed display	LED
Speed deviation	1%
Timer	yes
Timer display	LED
Time setting min.	1 s
Time setting max.	100 Hrs
Operating mode	Timer and Continuous Operation
Touch/ shot function	yes
Working with microtiter plates	yes
Number of microtiter plates	1
Dimension	150x207x111mm (WxDxH)
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80%
Protection class according to DIN EN 60529	IP 21
Adaptors	Available
Voltage	100 - 240 V
Frequency	50/60 Hz
Power input	10 W
DC Voltage	24 V
Weight	3.8 Kgs
IP Class	21

*Two operating modes:

The maximum speed of 3,000 rpm is for the standard attachment in touch mode. When using other attachments the speed should be limited to 1,300 rpm.



3800.DNEU.01



Optional Foam Adapters

DNS-A	DNS-B	DNS-C
955/-	955/-	1305/-
DNS-D	DNS-E	
955/-	955/-	

Optional Accessories

DNS-F	DNS-G	DNS-H
465/-	1910/-	6975/-
DNS-I	DNS-J	DNS-K
6975/-	7905/-	7175/-
DNS-L	DNS-M	
7175/-	Price on Request	



ROLLER MIXER

Product Features

- Efficient Rolling and swinging motion for mixing blood samples, Liquid solid suspension & various substance
- Digital set-up for RPM & time with independent LED display
- Maximum rolling speed upto 80RPM
- Seven rollers with small foot print & easy cleaning
- Brushless DC motor
- Compatible for use with wide range of tubes
- Used for prevention of blood coagulation and immune precipitation etc



4000.DNEU.01

Model No.	V	Hz	Price/Piece
4000.DNEU.01	100-240 V	50/60	Price on Request



Buy Now!

Technical Specification :

Mixer Body Material	: Plastic
Operation Mode	: Rolling & Swinging
Amplitude	: 24mm
Roller Quantity	: 7
Speed Range	: 10-80RPM
Speed Unit	: 1RPM
Roller Length	: 280mm
Motor	: brushless DC motor
Dimension (DxWxH)	: 500 x 280 x 120mm
Max. Capacity	: 4kgs
Weight of Body	: 3.1 kg
Voltage	: AC100-240 50-60Hz
Power	: 20W



POWER
20 W



STIR
10-80 RPM



TIMER
00:01-99:59



STIR/TIME
DISPLAY



STIR/TIME
BUTTON



LOAD CAPACITY
4.0 Kgs



FAT DETERMINATION (SOXHLET/TWISSELMAN APPARATUS)

Product Features

- Cost-effective and user-friendly apparatus for hot extraction.
- Energy individually adjustable for every sample position.
- Cooling water distribution, distribution strip ensures uniform cooling at sample positions.
- Practical condenser ledge to safely deposit the condenser between hot extractions
- Brackets for safely holding the intermediate extraction pieces after removing the sample container
- Material of construction of adaptors is SS 304 Grade



Buy Now!



1900.DNEU.01

Technical Specification :

Voltage	230 VAC
Frequency	50 Hz
Power consumption	~1500 W
Power consumption	7 A
Weight (without glass)	approx. 15 kg
Flask Capacity	250ml
Extraction Capacity	500ml
Condenser	100ml
Plate/Adaptor Temp.	upto 400°C
Dimensions in cm (W x D x H) (without glass)	504x274x765 mm
IP Class	20

Also Available

4 Position Soxhlet Extraction (Digital)

Model No.	V	Hz	Price/Piece
1950.DNEU.01	230 V	50	Price on request



1950.DNEU.01



POWER
1500 W



WEIGHT
15 Kgs

*For soxhlet extraction apparatus,

Please see **Page no. 118**



*For Glass accessories has to be order separately

THERMOSTATIC WATER BATH

Uses:

This apparatus is designed for use in distilling, drying, concentrating and heat soaking chemicals or biological products.

Temperature control by means of PID controller.

Inner chamber with SS 304

MODELS:

The water baths are available in two models - 6 & 12



1800.DNEU.01

POSITIONS :

6 & 12 Position

Model No.	Volt	Hz	Positions	Price/Piece
1800.DNEU.01	230/115	50/60	6	Price on Request
1800.DNEU.02	230/115	50/60	12	Price on Request



Buy Now!

Technical Specification :

6 Position

Power	1500 W
No. of Opening	6
Volume Capacity	12 Ltrs
Temperature-control range	RT-99.9°C
Temperature-fluctuation	±0.5°C
Dimension	120 (D) x 110 (H)
Working Room (cm)	50x30x15
Weight	8.9 Kgs
IP Class	34



POWER
1500 W



TEMPERATURE
Upto 99.9 °C

12 Position

Power	3000 W
No. of Opening	12
Volume Capacity	24 Ltrs
Temperature-control range	RT 99.9°C
Temperature-fluctuation	±2°C
Dimension	120 (D) x 90 (H)
Working Room (cm)	92x32x12
Weight	21 Kgs
IP Class	34



POWER
3000 W



TEMPERATURE
Upto 99.9 °C



THERMOSTATIC OIL BATH

Product Features

High quality stainless steel material, heat resisting and anticorrosion, Digital controller digital display, durable.

- This heated bath is used in the laboratory to allow a chemical reaction to occur at an elevated temperature.
- This heated bath is a fluid placed in an open (metal) pot. Water and silicone oil are the most commonly used fluids. A water bath is used for temperatures up to 100 °C. An oil bath is employed for temperatures over 100 °C.
- This heated bath is heated on a hot plate, or with a bunsen burner. The reaction chamber (Florence flask, Erlenmeyer flask, beaker) is immersed in the heated bath. A thermometer is usually kept in the fluid to monitor the temperature.



1850.DNEU.01

Model No.	V	Hz	Price/Piece
1850.DNEU.01	230	50	Price on Request



Buy Now!

Technical Specification :

Heating Power	1000W
Temperature control range	RT~300°C
Volume Capacity	7 Ltrs
Temperature fluctuation	± 0.5 Celsius
Working size(mm ³)	Ø26× 16
Display	Digital
Weight	7.4 Kgs
IP Class	34



POWER
1000 W



TEMP./TIME
BUTTON



TEMPERATURE
Upto 300°C



TEMP./TIME
DISPLAY



SET
ALARM



DIGITAL SOIL EC TESTER

for Soil Testing

The tester features a unique metal surface electrode that provides fast and easy on the spot EC(mS/cm) measurements for soil and hydroponics nutrient etc.

Operating Instruction

1. Take off the protective cap from metal probe
2. Press OFF/ON button Tester display "0".
3. **Quick testing** : Water the soil with distilled water before testing. Make sure the water can go 10 cm deep the least. Best humidity is 60%-80%. Insert the metal probe into soil vertically and clockwise, to about 6-8 cm deep. Make sure the soil have thorough contact with metal probe. After about 6 seconds, the tester will display the measured value. Tightness of soil will affect measuring result. Multiple tests at the same and different points should be performed and take the average as final result.

Accurate testing : Use a container, mixdried soil with distilled water at the rate of 10:1. Stir and make it into a mud form. Put the metal probe into the mud about 6-8CM deep. About 6 seconds, the tester will display the measured value.

4. Wipe the metal probe with towel or tissue paper after each test. Make it clean and dry. till the display show "0".



GLIEC

Model No.	Pack of	Price/Pack
GLIEC	1	Price on Request



Buy Now!

Technical Specification :

Range	:0-1999 EC(mS/cm);
Resolution	:0.10 EC(mS/cm)
Accuracy	:± 0.1EC (00-100 EC)
Operating Temp	:5-45°C (41 - 113°FVATC)
Calibration	: 1 point (6.7EC /Factory calibrated -No more calibration)
Power supply	: DC 9V(L1022 battery)
Display	: LCD with illumination
Dimension	: 50.5 x 250 mm
Probe length	: 140mm
Features	: Automatic switch-off function : After about 5 minutes without pushing buttons, the meter will be switched off automatically (or manual shutdown)
Weight	: 110 Gms (Approx)
IP Class	: 64

DIGITAL INSTANT N-P-K TESTER

for Soil Testing

The electro-chemical method uses innovative technology of ionization reduction

Operating Instruction

1. Take off the protective cap from metal probe
2. Press OFF/ON button Tester display "0".
3. **Quick testing** : Water the soil with distilled water before testing. Make sure the water can go 10 cm deep the least. Best humidity is 60%-80%. Insert the metal probe into soil vertically and clockwise, to about 6-8 cm deep. Make sure the soil have thorough contact with metal probe. After about 6 seconds, the tester will display the measured value. Tightness of soil will affect measuring result. Multiple tests at the same and different points should be performed and take the average as final result.

Accurate testing : use a container, mix dried water at the rate of 3:1. Stir and make in into a mud form. Put the metal probe into the mud about 6-8 cm deep. About 6 seconds, the tester will display the measured value.

4. Wipe the metal probe with towel or tissue paper after each test. Make it clean and dry. till the display show "0".



GLINPK

Model No.	Pack of	Price/Pack
GLINPK	3	Price on Request



Buy Now!

Technical Specification :

Range	: 0-1999 mg/Kg(mg/l)
Resolution	: 1mg/kg(mg/l)
Accuracy	: ± 0.2 F.S.
Operating Temp	: 5-45 °C (41-113°F) /ATC
Calibration	: Factory calibrated
Power supply	: DC 9V (9V580/6F22Ni-MH rechargeable battery)
Display	: LCD with back light
Dimension	: $\varnothing 50.5 \times 250$ mm
Probe length	: 140mm
Features	: Auto switch off in about 5 minutes
Weight	: 390 Gms (Approx)
IP Class	: 64

DIGITAL pH TESTER

for Soil testing

The tester features with innovative nanotechnology metal material sensor, for fast and easy test of pH value of soil, fruit, meat, cheese and other semi-solid media.

Operating Instruction

1. Take off the protective cap from metal probe
2. Press OFF/ON button. Tester displays "7.00".
3. Insert the metal probe vertically into the sample that requires testing, at least 6-8cm deep. Make sure there is close contact (Soil need to humid ~60%-80%). The tester will start testing automatically. After about 1 minute the test is over. Indication light will be on for about 10 seconds. The displayed number is locked, which is the value of pH.
4. After each test, take out the tester, wipe the metal probe clean with towel or tissue paper. Display will be unlocked, and show "7.00". It is ready for a new test.
5. After use, wipe the metal probe clean until it displays "7.00". Switch off the tester.



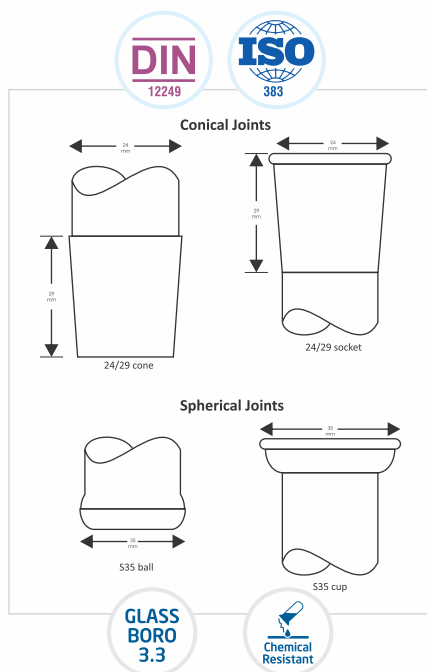
GLIPH

Model No.	Pack of	Price/Pack
GLIPH	1	Price on Request



Buy Now!

Range	: pH: 3.0-14.0 pH
Resolution	: 0.10 pH
Accuracy	: ± 0.2 pH (3.0-12.0 pH)
Operating Temp	: 5-45 °C
Calibration	: 1 point (Factory calibrated -No more calibration)
Power supply	: DC 9V (L1022 battery)
Display	: LCD
Dimension	: $\Phi 50.5 \times 250$ mm
Probe length	: 140mm
Features	: Automatic detection of data and lock to keep, automatic switch to OFF in 5 minutes (or manual shutdown).
Weight	: 110 Gms (Approx)
IP Class	: 64



JOINTS

- In compliance with ISO 383/DIN 12249 Standards.
- Unprinted sockets to avoid getting printed charred
- Smooth grinding surface finish to avoid leakage

Conical Joints

Size	Actual Dia of Wide End (mm)	Actual Dia of Narrow End (mm)	Nominal Length of Engagement (mm)
10/19	10.0	8.1	19
12/21	12.5	10.4	21
14/23	14.5	12.2	23
19/26	18.8	16.2	26
24/29	24.0	21.1	29
29/32	29.2	26.0	32
34/35	34.5	31.0	35
40/38*	40.0	36.2	38
45/40	45.0	41.0	40
50/42*	50.0	45.8	42
55/44*	55.0	50.6	44

* Non DIN



Buy Now!

Socket, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price / Piece
001.202.02	10/19	13	120±10	10	98
001.202.03	12/21	16	120±10	10	104
001.202.04	14/23	18	120±10	10	109
001.202.05	19/26	22	125±10	10	121
001.202.06	24/29	28	135±10	10	121
001.202.07	29/32	32	135±10	10	213
001.202.08	34/35	38	150±10	10	282
001.202.09*	40/38	45	150±10	10	391
001.202.10	45/40	50	150±10	10	483
001.202.11*	50/42	55	150±10	10	598
001.202.12*	55/44	60	150±10	10	840

* Non DIN

Cone, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price /Piece
002.202.02	10/19	8	120±10	10	98
002.202.03	12/21	9	120±10	10	104
002.202.04	14/23	13	120±10	10	109
002.202.05	19/26	16	125±10	10	121
002.202.06	24/29	22	135±10	10	144
002.202.07	29/32	26	135±10	10	213
002.202.08	34/35	30	150±10	10	282
002.202.09*	40/38	36	150±10	10	391
002.202.10	45/40	40	150±10	10	483
002.202.11*	50/42	45	150±10	10	598
002.202.12*	55/44	50	150±10	10	840

* Non DIN



Cone, with drip tip, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price /Piece
003.202.03	12/21	9	120±10	10	109
003.202.04	14/23	13	120±10	10	115
003.202.05	19/26	16	120±10	10	127
003.202.06	24/29	22	150±15	10	150
003.202.07	29/32	26	150±15	10	219
003.202.08	34/35	30	150±15	10	288
003.202.09*	40/38	36	150±15	10	397
003.202.10	45/40	40	150±15	10	500
003.202.11*	50/42	45	150±15	10	610
003.202.12*	55/44	50	150±15	10	851

* Non DIN





Buy Now!

Socket, Double

- Complies with DIN 12249

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price / Piece
006.202.02*	10/19	14	135±2	10	144
006.202.03	14/23	18	135±2	10	150
006.202.04	19/26	22	140±2	10	190
006.202.05	24/29	28	170±5	10	230
006.202.06	29/32	32	170±5	10	316
006.202.07	34/35	38	180±5	10	397

* Non DIN



Buy Now!

Keck Clips for Joints

- Outstanding chemical resistant.
- Autoclavable with maximum temp of 135°C.

Item Code	N/S	Colour	Pack of	Price /Piece
007.204.03	14/23	Yellow	100	54
007.204.04	19/26	Blue	100	54
007.204.05	24/29	Green	100	59
007.204.06	29/32	Red	100	59

Spherical Joint, Ball

- Complies with DIN 12264
- Unprinted sockets to avoid getting printed charred
- Smooth grinding surface finish to avoid leakage

Item Code	Cup Joint (Male)	Code Approx. Bore	Minimum Shank Length (mm)	Pack of	Price / Piece
008.202.02	S13	5	100	10	265
008.202.03	S19	9	100	10	299
008.202.04	S29	15	100	10	397
008.202.05	S35	19	100	10	529
008.202.06	S41	27	100	10	920



Buy Now!



Spherical Joint, Cup

- Complies with DIN 12264

Item Code	Cup Joint (Male)	Code Approx. Bore	Minimum Shank Length (mm)	Pack of	Price / Piece
009.202.02	S13	5	100	10	265
009.202.03	S19	9	100	10	299
009.202.04	S29	15	100	10	397
009.202.05	S35	19	100	10	529
009.202.06	S41	27	100	10	920



Buy Now!



Gloves, Laboratory

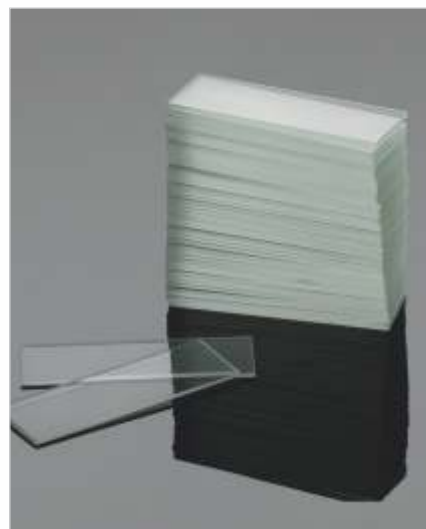
- Made of Nitrile



Buy Now!

Item Code	Size (mm)	Pack of	Price /Pack
505.303.07	Small	50 Pairs	882
505.303.08	Medium	50 Pairs	882
505.303.09	Large	50 Pairs	882

Microscopic Slides



Buy Now!

Item Code	Size (mm)	Pack of	Price /Pack
565.303.01	Ground edges, Plain 76x26	50	190
565.303.02	Ground edges, Double sides frosted 76x26	50	260

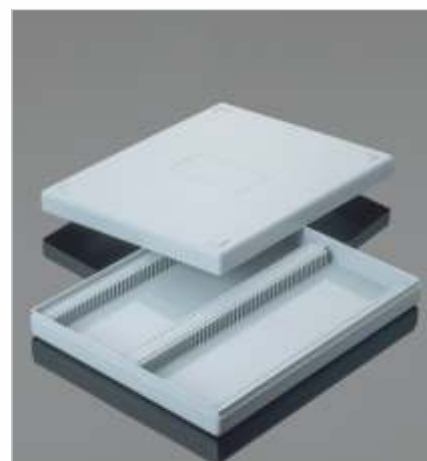
Box, Slide

- Made of Polystyrene
- Are durable, compact & provide utmost protection to 1"x 3' slides
- Heavy walls will not warp, splinter or crack
- Boxes are unaffected by humidity and are thoroughly insect proof

Item Code	Quantity	Pack of	Price /Pack
129.303.01	25 Slides	12	995
129.303.02	50 Slides	12	1701
129.303.03	100 Slides	6	1701



Buy Now!



Cover Glass

- Comes in 0.13 - 0.17 mm Thickness

Item Code	Size (mm)	Pack/Pieces	Price /Pack
566.303.01	18 x 18	50	120
566.303.02	20 x 20	50	120
566.303.03	22 x 22	50	120
566.303.04	24 x 24	50	220



Buy Now!





Buy Now!

Soft Loop Sterile

- Made of Polystyrene

Item Code	Capacity	Pack of	Price / Pack
202.303.01	1ul (Soft Loopes)	100	530
202.303.02	10ul (Soft Loopes)	100	530



Buy Now!

Stirrer

- Made of Polypropylene
- Useful for stirring different solutions in the laboratory
- Are tough and long lasting

Item Code	Dia. (mm)	Length (mm)	Pack of	Price /Pack
193.303.01	6	150	12	128
193.303.02	7	200	12	219
193.303.03	7	250	12	257
193.303.04	7	300	12	305
193.303.05	10	250	12	305

Wire Gauge

- Has Ceramic Center
- Goes Upto 800°C

Item Code	Size (mm)	Pack of	Price /Piece
524.303.01	100 x 100	10	63
524.303.02	125 x 125	10	74
524.303.03	150 x 150	10	79
524.303.04	200 x 200	10	110



Buy Now!



Weighing Scoops

- Has open tubular arm
- Suitable for use when small quantity of dyes or powders are to be weighed

Item Code	Cap. (ml)	Pack of	Price /Piece
245.202.00	0.5	10	250
245.202.00A	1	10	225
245.202.00B	2	10	225
245.202.01	3	10	210
245.202.02	6	10	230
245.202.03	10	10	270



Buy Now!





Buy Now!

Glass Stirrer

- Ideal for very sensitive samples
- Made of polished 3.3 borosilicate glass

Item Code	O.D.x Length (mm)	Quantity	Price /Piece
090.202.02	7 x 150	20	30
090.202.02A	7 x 205	20	42
090.202.02B	7 x 255	20	42
090.202.02C	7 x 305	20	54
090.202.04	9 x 150	20	42
090.202.04A	9 x 205	20	54
090.202.04B	9 x 255	20	60
090.202.04C	9 x 305	20	60



Buy Now!

Boxes, Storage

- Made of polypropylene
- Prove to be an excellent option for storage of different powdered reagents & other material in the laboratory
- Square shape of these boxes help in saving shelf space
- Autoclavable
- Provide good chemical resistance & heavy duty service

Item Code	Size (ml)	Pack of	Price /Pack
189.303.01	250	12	626
189.303.02	500	12	792
189.303.03	1000	12	1043

Jars, Specimen

- Made from Soda glass
- Specially blown to give sturdiness and long life
- Top edges are flat ground
- Not recommended for use over a direct flame or on a hot plate
- Covers are made from Soda glass

Item Code	Approx Quantity L X B X H (mm)	Pack of	Price /Piece
208.303.03	210 X 170 X 130	1	2475
208.303.04	220 X 140 X 140	1	2475
208.303.05	225 X 225 X 125	1	3960
208.303.06	250 X 250 X 150	1	5055

*Prices on request for borosilicate specimen jar



Buy Now!



Watch Glass, Neutral Glass

Item Code	Size (mm)	Pack of	Price /Piece
564.303.07	50	10	28
564.303.08	65	10	33
564.303.09	75	10	44
564.303.10	100	10	90
564.303.11	125	10	77
564.303.12	150	10	105



Buy Now!



Parafilm M Dispenser

- Made of Acrylic
- Used for storing, dispensing and cutting Parafilm® M
- Can hold both 2" & 4" rolls, Tapes & labels
- Can be easily cut through super sharp serrated blades
- Openable top lid allow easy filling into the dispenser

Item Code	Size (LxWxH) mm	Pack of	Price /Piece
250.303.01	180 x 120 x 160	1	2856



Buy Now!



Natural Rubber Cones:

Item Code	Size (ml)	Pack of	Price /Piece
404.303.01	250	4	89
404.303.02	500	4	89
404.303.03	1000	4	151
404.303.04	2000	4	151
404.303.05	5000	4	184
404.303.06	10,000	4	328



Buy Now!



Silicon Rubber Cones:

Item Code	Size (ml)	Pack of	Price /Piece
404.363.01	250	4	290
404.363.02	500	4	290
404.363.03	1000	4	512
404.363.04	2000	4	512
404.363.05	5000	4	656
404.363.06	10,000	4	884



Buy Now!



SiO₂

Cat No.	DESCRIPTION	Pcs/Pack	Price Per Piece
355.202.01	Both end open Melting point capillary 5" long 1/100, 125mm	1 Vial	233
356.202.01	Plano Haemometer	1 Pcs	4203
357.202.01	Haemocytometer Standerd with WBC & RBC PPT.	1Set	4119
358.202.01	Neubauer Counting Chamber Standard	1Pcs	3497
359.202.01	SQUARE TUBES: Manufactured from borosilicate glass tubing • Capacity: 14.5 & 17Gram Use for to Measure Hemoglobin Percentage in Blood • Manufactured as per I.S.I.Specification.	1Pcs	243
360.202.01	ZERO ERROR 20CMM PIPETTE (HB PIPETTE) • Manufactured by borosilicate Glass Attached with Silicon Rubber Tubing • Piece Approximate (Length 6" O.D.6 mmX 1mm Wall thickness) • Manufactured as per I.S.I.Specification	1Pcs	120
361.202.01	DROPPER: Made of Glass with Rubber Bung	1Pcs	29
362.202.01	ESRITE PIPETTE: Packing Size 1 Pk (Contain 10 Pcs & 5 Pcs) • Made of Borosilicate Glass. • To be used for Erythrocyte Sedimentation Rate. • Available in two different types i.e. One End Ground & Other One is Graduated with Printed scale • Autoclavable	1Pcs	180
363.202.01	WESTERN GREEN PIPETTE: 1 Pck Consist 10Pcs. • Made of Borosilicate Glass. • Graduaction Printed on glass tubing. • One End Graduated to be use for Erythrocyte Sedimentation Rate. • Manufactured as per I.S.I. Specification • Autoclvable	1Pcs	165
364.202.01	W.G. Apparatus (E.S.R.) Powder Coated (6 Tube) • Made of Aluminium with Powder Coated for 6 ESR.	1Pcs	2176
365.202.01	W.B.C. PIPETTE: • Made of Borosilicate Glass. With Rubber Tubing attach with Mouth Piece individually pack	1Pcs	235
366.202.01	R.B.C. PIPETTE: • Made of Borosilicate Glass. With Rubber Tubing attach with Mouth Piece individually pack	1Pcs	235
367.202.01	NON HEPERNISED CAPILLARY 1/100, 75MM	1VIAL	155



Buy Now!

Variable Micropipette, High Performance Micro Volume Pipette, Single Channel

- Fully autoclavable & UV resistance
- "CE" mark awarded
- Click-stop system for digital volume setting.
- Ergonomic Design ensuring light weight & soft plunger movement.
- Two step plunger operation allows "reverse pipetting technique".
- Calibration as per DIN 12650 & EN-ISO 8655 standards.
- High accuracy and precision guaranteed.
- Individual serial No. permanently marked on each pipette.
- Calibration report enclosed with every pipette.
- Color coded for easy identification

Variable Micropipette

Item Code	Volume Range (μ l)	Variable Increment (μ l)	Colour	Pack of	Price /Piece
500.303.01	0.1 - 2.5	0.01		1	4600
500.303.02	0.5 - 10	0.1		1	4600
500.303.03	2 - 20	0.1		1	4600
500.303.04	5 - 50	0.5		1	4600
500.303.05	10 - 100	0.5		1	4600
500.303.06	50 - 200	1.0		1	4600
500.303.07	20 - 200	1.0		1	4600
500.303.08	100 - 1000	5.0		1	4600
500.303.09	200 - 1000	5.0		1	4600
500.303.10	500 - 5000	50.0		1	4600
500.303.11	1000 - 5000	50.0		1	4600
500.303.12	500 - 10000	100.0		1	4600
500.303.13	1000 - 10000	100.0		1	4600



Buy Now!

Fixed Micropipette

Item Code	Volume Range (μ l)	Colour	Pack of	Price /Piece
501.303.01	2.5		1	3200
501.303.02	5		1	3200
501.303.03	10		1	3200
501.303.04	20		1	3200
501.303.05	25		1	3200
501.303.06	50		1	3200
501.303.07	100		1	3200
501.303.08	200		1	3200
501.303.09	250		1	3200
501.303.10	500		1	3200
501.303.11	1000		1	3200
501.303.12	2000		1	3200
501.303.13	5000		1	3200
501.303.14	10000		1	3200

High Performance Micro Volume Pipette, Multi Channel

- Fully autoclavable.
- UV resistance.
- "CE"mark awarded.
- Click-stop system for digital volume setting.
- Ergonomic Design ensuring light weight & soft plunger movement.
- Two step plunger operation allows "reverse pipetting technique".
- Calibration as per DIN 12650 & EN-ISO 8655 standards.
- High accuracy and precision guaranteed.
- Individual serial No. permanently marked on each pipette.
- Calibration report enclosed with every pipette.
- Color coded for easy identification.
- Manifold can rotate 360° to allow convenient pipetting angle.
- One hand tip ejection.

Eight Channel Micropipette

Item Code	Volume Range (μl)	Increment (μl)	Colour	Pack of	Price /Piece
500.303.14	0.5 - 10	0.1	Dark Purple	1	22000
500.303.15	5 - 50	0.5	Red	1	22000
500.303.16	10 - 100	0.5	Orange	1	22000
500.303.17	20 - 200	0.5	Yellow	1	22000
500.303.18	30 - 300	1.0	Light Orange	1	22000



Buy Now!



Twelve Channel Micropipette

Item Code	Volume Range (μl)	Increment (μl)	Colour	Pack of	Price /Piece
500.303.19	0.5 - 10	0.1	Dark Purple	1	27000
500.303.20	5 - 50	0.5	Red	1	27000
500.303.21	10 - 100	0.5	Orange	1	27000
500.303.22	20 - 200	0.5	Yellow	1	27000
500.303.23	30 - 300	1.0	Light Orange	1	27000



Buy Now!



Universal Graduated Tips

Bulk Pack :

- Packed in Polyethylene bag with easy tearing.
- Perforation & Zip lock - Double sealing provides better protection against contamination and spillage while in use
- Free DNase, RNase, Human DNA, Pyrogen & PCR inhibitor
- All Micropipettes come in 1000 Pcs.



Buy Now!

10 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.10.B	-	-	-	1000	540
500.10.S.B	✓	-	-	1000	850
500.10.FB	-	-	✓	1000	2460
500.10.S.L.B	✓	✓	-	1000	1100
500.10.S.FB	✓	-	✓	1000	3200
500.10.S.L.FB	✓	✓	✓	1000	3500



Buy Now!

10 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.10XL.B	-	-	-	1000	600
500.10XL.S.B	✓	-	-	1000	940
500.10XL.FB	-	-	✓	1000	2740
500.10XL.S.L.B	✓	✓	-	1000	1240
500.10XL.S.FB	✓	-	✓	1000	3240
500.10XL.S.L.FB	✓	✓	✓	1000	3640



Buy Now!

20 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.20.FB	-	-	✓	1000	2740
500.20.S.FB	✓	-	✓	1000	2740
500.20.S.L.FB	✓	✓	✓	1000	3440

50 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.50.FB	-	-	✓	1000	2690
500.50.S.FB	✓	-	✓	1000	3190
500.50.S.L.FB	✓	✓	✓	1000	3440



Buy Now!



Bulk Pack :

100 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.100.FB	-	-	✓	1000	2690
500.100.S.FB	✓	-	✓	1000	3190
500.100.S.L.FB	✓	✓	✓	1000	3440



Buy Now!



200 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.200.B	-	-	-	1000	500
500.200.S.B	✓	-	-	1000	890
500.200.FB	-	-	✓	1000	2690
500.200.S.L.B	✓	✓	-	1000	990
500.200.S.FB	✓	-	✓	1000	3190
500.200.S.L.FB	✓	✓	✓	1000	3440



Buy Now!





Buy Now!

1000 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.1000.B	-	-	-	500	850
500.1000.S.B	✓	-	-	500	1250
500.1000.FB	-	-	✓	500	1750
500.1000.S.L.B	✓	✓	-	500	2000
500.1000.S.FB	✓	-	✓	500	1950
500.1000.S.L.FB	✓	✓	✓	500	3100



Buy Now!

1250 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price /Pack
500.1000XL.B	-	-	-	500	870
500.1000XL.S.B	✓	-	-	500	1270
500.1000XL.FB	-	-	✓	500	1780
500.1000XL.S.L.B	✓	✓	-	500	2050
500.1000XL.S.FB	✓	-	✓	500	1980
500.1000XL.S.L.FB	✓	✓	✓	500	3150



Buy Now!

Pipette Stand, Acrylic

Item Code	Capacity	Pack of	Price /Pack
590.303.01	1 Pipette	1000	1129
590.303.02	4 Pipettes	1000	1547
590.303.03	6 Pipettes	1000	1819

Rack

- Fully autoclavable & Stackable
- Hinge rack allows single hand operation
- Color coded tray for Easy identification
- Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor

Item Code	Tips Volume (ul)	Description (1 Box Consist of)	Sterile	Low Retention	Filter	Pack	Price / Per Box
500.10.R	10	96 Tips x10 Racks	-	-	-	1	2078
500.10.S.R	10	96 Tips x 10 Racks	✓	-	-	1	2600
500.10.FR	10	96 Tips x 10 Racks	-	-	✓	1	3880
500.10.S.L.R	10	96 Tips x 10 Racks	✓	✓	-	1	3300
500.10.S.FR	10	96 Tips x 10 Racks	✓	-	✓	1	4400
500.10.S.L.FR	10	96 Tips x 10 Racks	✓	✓	✓	1	5700
500.10XL.R	10 (Long)	96 Tips x 10 Racks	-	-	-	1	2084
500.10XL.S.R	10 (Long)	96 Tips x 10 Racks	✓	-	-	1	2600
500.10XL.FR	10 (Long)	96 Tips x 10 Racks	-	-	✓	1	3950
500.10XL.S.L.R	10 (Long)	96 Tips x 10 Racks	✓	✓	-	1	3350
500.10XL.S.FR	10 (Long)	96 Tips x 10 Racks	✓	-	✓	1	4400
500.10XL.S.L.FR	10 (Long)	96 Tips x 10 Racks	✓	✓	✓	1	5150
500.20.FR	20	96 Tips x 10 Racks	-	-	✓	1	3300
500.20.S.FR	20	96 Tips x 10 Racks	✓	-	✓	1	4400
500.20.S.L.FR	20	96 Tips x 10 Racks	✓	✓	✓	1	5750
500.50.FR	50	96 Tips x 10 Racks	-	-	✓	1	3300
500.50.S.FR	50	96 Tips x 10 Racks	✓	-	✓	1	4400
500.50.S.L.FR	50	96 Tips x 10 Racks	✓	✓	✓	1	5700
500.100.FR	100	96 Tips x 10 Racks	-	-	✓	1	3900
500.100.S.FR	100	96 Tips x 10 Racks	✓	-	✓	1	4400
500.100.S.L.FR	100	96 Tips x 10 Racks	✓	✓	✓	1	5700
500.200.R	200	96 Tips x 10 Racks	-	-	-	1	2050
500.200.S.R	200	96 Tips x 10 Racks	✓	-	-	1	2600
500.200.FR	200	96 Tips x 10 Racks	-	-	✓	1	3950
500.200.S.L.R	200	96 Tips x 10 Racks	✓	✓	-	1	3300
500.200.S.FR	200	96 Tips x 10 Racks	✓	-	✓	1	4400
500.200.S.L.FR	200	96 Tips x 10 Racks	✓	✓	✓	1	5700
500.1000.R	1000	96 Tips x 6 Racks	-	-	-	1	2200
500.1000.S.R	1000	96 Tips x 6 Racks	✓	-	-	1	2900
500.1000.FR	1000	96 Tips x 6 Racks	-	-	✓	1	3450
500.1000.S.L.R	1000	96 Tips x 6 Racks	✓	✓	-	1	3700
500.1000.S.FR	1000	96 Tips x 6 Racks	✓	-	✓	1	5000
500.1000.S.L.FR	1000	96 Tips x 6 Racks	✓	✓	✓	1	6300
500.1000XL.R	1250	96 Tips x 6 Racks	-	-	-	1	2500
500.1000XL.S.R	1250	96 Tips x 6 Racks	✓	-	-	1	2900
500.1000XL.FR	1250	96 Tips x 6 Racks	-	-	✓	1	3300
500.1000XL.S.L.R	1250	96 Tips x 6 Racks	✓	✓	-	1	3900
500.1000XL.S.FR	1250	96 Tips x 6 Racks	✓	-	✓	1	5400
500.1000XL.S.L.FR	1250	96 Tips x 6 Racks	✓	✓	✓	1	7100

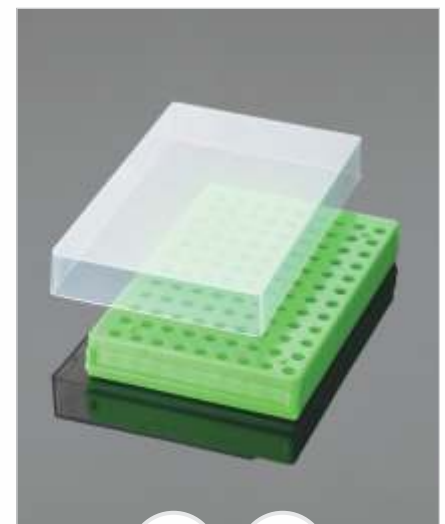


Autoclavable

Stackable



Buy Now!



Autoclavable

Stackable



Reloading Tray

- Reload rack with minimal efforts
- Tips pre- arranged in 8x12 format
- Minimal wastage
- Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor

Item Code	Tips Volume (ul)	Description (1 Box Consist of)	Sterile	Low Retention	Pack of	Price / Per Box
500.10.K	10	96 Tips x10 Racks	-	-	1	1422
500.10.S.K	10	96 Tips x 10 Racks	√	-	1	1537
500.10.S.L.K	10	96 Tips x 10 Racks	√	√	1	1804
500.200.K	200	96 Tips x 10 Racks	-	-	1	1367
500.200.S.K	200	96 Tips x 10 Racks	√	-	1	1484
500.200.S.L.K	200	96 Tips x 10 Racks	√	√	1	1764
500.1000.K	1000	96 Tips x 5 Racks	-	-	1	930
500.1000.S.K	1000	96 Tips x 5 Racks	√	-	1	1097
500.1000.S.L.K	1000	96 Tips x 5 Racks	√	√	1	1354
500.1000XL.K	1250	96 Tips x 6 Racks	-	-	1	1095
500.1000XL.S.K	1250	96 Tips x 6 Racks	√	-	1	1307
500.1000XL.S.L.K	1250	96 Tips x 6 Racks	√	√	1	1662

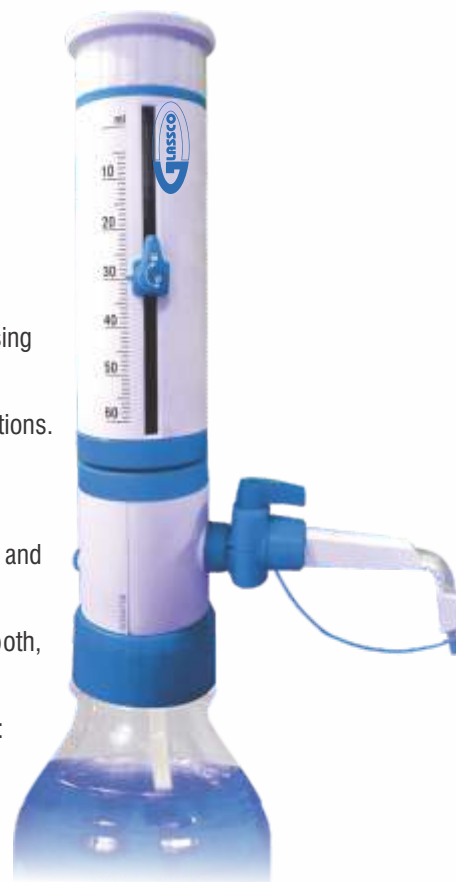
Tips Empty Racks

Item Code	Capacity (ml)	Pack of	Price / Per Box
500.10.E.R	Tip rack empty for 10µl tips	1	1619
500.200.E.R	Tip rack empty for 200µl tips	1	1619
500.1000.E.R	Tip rack empty for 1000µl tips	1	1067
500.1000XL.E.R	Tip rack empty for 1250µl tips	1	943

GLASSCO BOTTLE TOP DISPENSER

With Re-Circulation Valve

- Fully autoclavable at 121°C , 15 psi for 10-15 mins.
- “CE” mark awarded.
- Smooth & soft plunger for ease of working.
- Highly robust and reliable dispensing technique.
- It has re-circulation valve for re-directing the liquid into the bottle for bubble free dispensing without any loss of reagent.
- Adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions. 180° Rotation for easy & effortless volume setting.
- Specially designed adapter allows 360° rotation, providing full flexibility in working.
- Specially designed, springless, PTFE valve manifold ensures high chemical compatibility and jamming free valve functioning.
- PTFE Piston with ETP O-Ring ensures very high chemical compatibility & wiper like smooth, effortless piston movement.
- Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes : 28,30,32,36,40 & 45 mm.
- Calibration as per ISO 8655 standards.



Specifications & Ordering Information

			ISO 8655 Specifications				Glassco Specifications					
Model No.	Vol. Range	Increment	CV		CV		Accuracy		CV		Pack of	Price / Piece
			±%	± ml	±%	± ml	±%	± ml	±%	± ml		
500.444.01	0.25-2.5 ml	0.05 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1	19750
500.444.02	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1	19750
500.444.03	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1	19750
500.444.04	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1	28000
500.444.05	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1	29500
500.444.06	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1	43000



Buy Now!

GLASSCO BOTTLE TOP DISPENSER

Without Re-Circulation Valve

			ISO 8655 Specifications				Glassco Specifications					
Model No.	Vol. Range	Increment	CV		CV		Accuracy		CV		Pack of	Price / Piece
			±%	± ml	±%	± ml	±%	± ml	±%	± ml		
500.555.01	0.25-2.5 ml	0.05 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1	12200
500.555.02	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1	12200
500.555.03	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1	12200
500.555.04	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1	18500
500.555.05	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1	18500
500.555.06	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1	21700



Buy Now!



GLASSCO BOTTLE TOP DISPENSER

With Dual Inlet Technology



- Fully autoclavable at 121°C , 15 psi for 10-15 mins.
- “CE” mark awarded.
- Refill the bottle & rinse the instrument WITHOUT DISMOUNTING from bottle.
- Patented technology that combines unique functionality, user-friendliness & performance.
- First ever Dispenser offering Dilution , Rinsing , Dual Liquid Handling & Re-circulation in a single unit.
- Adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions.
- 180° Rotation for easy & effortless volume setting.
- Specially designed adapter allows 360° rotation, providing full flexibility in working.
- Specially designed, springless, PTFE valve manifold ensures high chemical compatibility and jamming free valve functioning.
- PTFE Piston with ETP O-Ring ensures very high chemical compatibility & wiper like smooth, effortless piston movement.
- Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes : 28,30,32,36,40 & 45 mm.
- Calibration as per ISO 8655 standards.



1. STANDARD DISPENSING Knob A - Open Knob B - Closed

In this mode the dispenser dispenses the liquid normally into the receiver from the bottle it is mounted on.

2. PURGING Knob A - Open Knob B - Closed

In this mode the liquid is re-circulated into the same bottle on which the dispenser is mounted. This process removes the air from the dispenser without wasting any reagent.



3. DILUTION/RINSING/SECOND LIQUID DISPENSING Knob A - Open Knob B - Closed

In this mode the liquid from a second source can be dispensed into the receiver. The second liquid can be distilled water, thus allowing the user to rinse the instrument without dismounting from the bottle or for dilution of the reagent in the receiver.

4. BOTTLE REFILLING Knob A - Open Knob B - Closed

In this mode the liquid from a second source can be used to refill the bottle without dismounting the dispenser.



Specifications & Ordering Information

Model No.	Vol. Range	Increment	ISO 8655 Specifications				Glassco Specifications					
			Accuracy ±%		CV ± ml		Accuracy ±%		CV ± ml		Pcs/ Pack	Price / Piece
500.450.01	0.25-2.5 ml	0.05 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1	28500
500.450.02	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1	28500
500.450.03	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1	28500
500.450.04	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1	38400
500.450.05	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1	38400
500.450.06	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1	52000



Buy Now!

Stand, Retort

- Complies with DIN 12892
- Stand material, mild steel, blue powder coated
- Rod Material, mild steel, chrome plated with L-Key

Item Code	Stand Size (mm)	Rod Size (Length x Dia) mm	Pack of	Price /Piece
309.303.01	150 x 100	500 x 12	2	713
309.303.02	200 x 125	600 x 12	2	983
309.303.03	250 x 150	750 x 12	2	1328



Buy Now!



Stand, Retort

- Complies with DIN 12892
- Stand material, Cast Iron, black painted
- Rod Material, mild steel, chrome plated with L-Key

Item Code	Stand Size (mm)	Rod Size (Length x Dia) mm	Pack of	Price / Piece
310.303.01	150 x 100	950 x 10	2	583
310.303.02	175 x 125	600 x 12.5	2	702
310.303.03	200 x 125	600 x 12.5	2	756
310.303.04	200 x 125	600 x 12	2	815
310.303.05	225 x 150	750 x 12	2	1269
310.303.06	250 x 150	600 x 12	2	1474
310.303.07	250 x 200	750 x 12	2	1944
310.303.08	300 x 175	900 x 12	2	2246
310.303.09	250 x 150	750 x 12	2	1625



Buy Now!





MS

Black Paint

With Bosshead



Buy Now!

Ring, Retort

- Material Mild Steel, black painted
- Available with boss head

Item Code	Size (mm)	Pack of	Price /Piece
313.303.01	50	4	189
313.303.02	62.5	4	189
313.303.03	75	4	216
313.303.04	100	4	216
313.303.05	125	2	238
313.303.06	150	2	238
313.303.07	200	2	248



MS

Chrome Plated

With Bosshead



Buy Now!

Rod, Retort

- Material Iron, chrome plated

Item Code	Size (mm)	Material	Pack of	Price / Piece
371.303.01	500	Chrome	2	76
371.303.02	600	Chrome	2	97
371.303.03	750	Chrome	2	124
371.303.04	500	SS	2	140
371.303.05	600	SS	2	162
371.303.06	750	SS	2	200

- Material mild steel, chrome plated
- Bosshead to steel rod dia 14mm

Item Code	Rod/Boss Head Length (mm)	Rod/Boss Head Dia (mm)	Type	Ring	Pack of	Price / Piece
393.303.01	160	7	50	Rod	4	259
393.303.02	200	7	70	Rod	4	270
393.303.03	220	8	100	Rod	4	313
393.303.04	220	8	120	Rod	2	346



Buy Now!

Ring, Retort

- Material mild steel, chrome plated
- Available with rod or bosshead
- Bosshead to steel rod dia 14mm

Item Code	Rod/Boss Head Length (mm)	Rod/Boss Head Dia (mm)	Type	Ring	Pack of	Price / Piece
393.303.06	70	7	50	Bosshead	4	486
393.303.07	70	7	70	Bosshead	4	324
393.303.08	70	8	100	Bosshead	4	297
393.303.09	70	8	120	Bosshead	2	340



Buy Now!



MS

Chrome Plated

With Bosshead

Clamp, Retort

- Complies with DIN 12894
- Cross pattern
- Die-casted
- To hold upto 65 mm

Item Code	Type	Pack of	Price /Piece
324.303.01	Aluminium, Cork Lined	2	367
324.303.04	Zinc, Cork Lined	2	346



Buy Now!



Clamp, Retort

- Complies with DIN 12894
- 3 Prong
- Material Aluminium, diecasted - Powder Coated
- Hold upto 50-65 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of	Price /Piece
326.303.02	3 Prong	2	394



Buy Now!





Clamp, Universal

- Complies with DIN 12894
- Cork Lined
- Material Aluminium diecasted, powder coated
- MS Rod chrome plated
- Hold upto 50-65 mm circle



Buy Now!

Item Code	Type	Pack of	Price /Piece
328.303.01	Cork Lined	2	389



Clamp, Condenser

- 4 Prong
- Material Aluminium, Powder Coated
- Hold upto 125 mm circle
- MS Rod chrome plated



Buy Now!

Item Code	Type	Pack of	Price /Piece
334.303.02	4 Prong	2	961

Clamp, Condenser

- 3 Prong
- Material Aluminium, Powder Coated
- To hold upto 125 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of	Price /Piece
335.303.02	3 Prong	2	961


[Buy Now!](#)

AI
Diecasted

MS
Rod

 White Powder
Coated

3 Prong

Clamp, Retort, Euro Design

- 3 Prong to hold upto 75 mm
- Spring tube, double keys
- Rod with dia 7.5 mm & Length 235 mm
- Material Zinc Alloy, pressure diecasted, Chrome Coated
- Freely swivel, bosshead lockable at 360°C for 14 mm grip

Item Code	Type	Pack of	Price /Piece
390.303.01	PVC sleeve with rod	2	459
390.303.02	Silicone sleeve with rod	2	486
390.303.03	PVC sleeve with boss Head	2	605
390.303.04	SILICONE sleeve with boss Head	2	648


[Buy Now!](#)

AI
Diecasted

MS
Rod

 White Powder
Coated

3 Prong

 With
Bosshead

SiO₂
Sleeved

ZINC
Alloy



Clamp, Retort (Euro Design)

- 2 Prong to hold upto 80 mm
- Spring tube, double keys
- Rod with dia 7.5 mm & Length 235 mm
- Material Zinc Alloy, pressure diecasted, Chrome Coated
- Freely swivel, bosshead lockable at 360°C for 14 mm grip



Buy Now!

Item Code	Type	Pack of	Price /Piece
391.303.01	Cork Lined with rod	2	475
391.303.02	PVC sleeve with rod	2	481
391.303.03	SILICONE sleeve with rod	2	481
391.303.04	Cork lined with boss head	2	605
391.303.05	PVC sleeve with boss head	2	599
391.303.06	SILICONE sleeve with boss head	2	632



Boss Head

- Complies with DIN 12895
- Material Cast Iron, black painted
- Use with retort stand & Condenser Clamp
- To hold upto 25mm



Buy Now!

Item Code	Type	Pack of	Price /Piece
337.303.03	Hold upto 25mm	4	421

Boss Head

- Complies with DIN 12895
- To hold upto 20 mm
- Material Cast Iron, black painted
- Use with retort stand & Condenser Clamp

Item Code	Type	Pack of	Price /Piece
338.303.03	Hold upto 20mm	4	238



Buy Now!



Boss Head

- Complies with DIN 12895 standard
- Material Aluminium/Zinc, Powder Coated
- To hold upto 16 mm

Item Code	Type	Pack of	Price /Piece
341.303.01	Aluminium, Round Screw	4	184
341.303.02	Aluminium, Thumb Screw	4	227
341.303.04	Zinc, Round Screw	4	157
341.303.05	Zinc, Thumb Screw	4	221



Buy Now!





Buy Now!

Stand, Tripod

- Material Cast Iron, black painted
- Available with Round or triangle top

Item Code	Size (mm)	Top	Pack of	Price /Piece
344.303.01	100 x 150	with round top	1	254
344.303.02	100 x 175	with round top	1	265
344.303.03	100 x 200	with round top	1	275
344.303.04	125 x 150	with round top	1	275
344.303.05	125 x 175	with round top	1	286
344.303.06	125 x 200	with round top	1	297
344.303.07	100 x 150	with triangle top	1	238
344.303.08	100 x 175	with triangle top	1	248
344.303.09	100 x 200	with triangle top	1	265
344.303.10	125 x 150	with triangle top	1	281
344.303.11	125 x 175	with triangle top	1	275
344.303.12	125 x 200	with triangle top	1	286



Buy Now!

Burner, Bunsen

- Material Casted Iron Black painted
- Brass pipe, chrome plated
- Concentrated higher flame
- With Stopcock
- Use with L.P.G.

Item Code	Type	Pack of	Price /Piece
347.303.01	Brass pipe, Single Walled	1	572
347.303.02	Brass pipe, Double Walled	1	616

Burner, Meaker

- Complies with DIN 30665
- Material Casted Iron base, Red painted
- Brass pipe chrome plated
- Without Stopcock
- Use with L.P.G.

Item Code	Pack of	Price /Piece
348.303.01	1	1026



Buy Now!



DIN
30665

Cast
Iron

Burner, Meaker

- Complies with DIN 30665
- Material Casted Iron base, Red painted
- Brass pipe chrome plated
- Use with L.P.G.

Item Code	Type	Pack of	Price /Piece
349.303.01	With stopcock	1	1280
349.303.02	With stopcock, Economy	1	1210



Buy Now!



DIN
30665

Cast
Iron

With
Stop Cock



SS



Buy Now!

Jack, Laboratory

All sizes are in millimeters.

Item Code	Type	Size (mm)	Pack of	Price /Piece
370.303.09	Stainless Steel	120 x 140	1	5400
370.303.10	Stainless Steel	200 x 200	1	7776
370.303.11	Stainless Steel	250 x 250	1	10476



SS
202



Buy Now!

Spatula

• Material Stainless Steel, Grade 202

Item Code	Size (mm)	Type	Pack of	Price /Piece
374.303.01	125	one end spoon and one end flat	10	43
374.303.02	150	one end spoon and one end flat	10	54
374.303.03	200	one end spoon and one end flat	10	76
374.303.04	250	one end spoon and one end flat	10	92
374.303.05	300	one end spoon and one end flat	10	113

Spatula

- Material Stainless Steel, Grade 202

Item Code	Size (mm)	Type	Pack of	Price /Piece
374.303.06	125	both end flat	10	43
374.303.07	150	both end flat	10	54
374.303.08	200	both end flat	10	76
374.303.09	250	both end flat	10	81



Buy Now!



SS
202

Spatula, Double

- Material Stainless steel, Grade 202
- One end Chattaway & one end flat

Item Code	Size (mm)	Pack of	Price /Piece
375.303.01	155	10	59
375.303.02	210	10	65
375.303.03	250	10	81



Buy Now!



SS
202



SS
202



Buy Now!

Spatula, Double

- Material Stainless steel, Grade 202
- One end tapered, & one end flat, flexible type

Item Code	Size (mm)	Pack of	Price /Piece
376.303.01	155	10	70
376.303.02	260	10	113
376.303.03	305	10	119



SS
202



Buy Now!

Spatula, Micro

- Material Stainless steel, Grade 202
- One end spoon and one side spatula

Item Code	Size (mm)	Pack of	Price /Piece
377.303.01	155	10	65

Spatula, Knife

- Material SS grade 202
- Available with Wooden Handle

Item Code	Size (mm)	Pack of	Price /Piece
541.303.01	100	6	86
541.303.03	150	6	103
541.303.04	200	6	113
541.303.05	250	6	157
541.303.06	300	6	178



Buy Now!



SS
202

Forceps

- Material SS 410 Grade
- Straight fine points

Item Code	Size (mm)	Pack of	Price /Piece
531.303.01	100	10	49
531.303.02	125	10	70
531.303.03	150	10	81
531.303.04	200	10	108
531.303.05	250	10	119
531.303.06	300	10	146



Buy Now!



SS
410

Straight
Fine



SS
410

Curved
Fine



Buy Now!

Forceps

- Material SS 410 Grade
- Curved Fine Points

Item Code	Size (mm)	Pack of	Price /Piece
532.303.01	100	10	54
532.303.02	125	10	81
532.303.03	150	10	97
532.303.04	200	10	108
532.303.05	250	10	135
532.303.06	300	10	157



SS
410



Buy Now!

Forceps

- Material SS 410 Grade
- Straight Blunt Points

Item Code	Size (mm)	Pack of	Price /Piece
533.303.01	100	10	49
533.303.02	125	10	70
533.303.03	150	10	81
533.303.04	200	10	108
533.303.05	250	10	119
533.303.06	300	10	146

Forceps

- Material SS 410 Grade
- Curved Blunt Points

Item Code	Size (mm)	Pack of	Price /Piece
534.303.01	100	10	54
534.303.02	125	10	76
534.303.03	150	10	92
534.303.04	200	10	108
534.303.05	250	10	130
534.303.06	300	10	151



Buy Now!



SS
410

Curved
Fine

Dissecting Set

- Instruments made of SS Grade 202
- Set of 14 Instruments

Item Code	Description	Pack of	Price / Piece
536.303.01	made of Stainless Steel, Instruments are Dressing Scissor, Cuticle Scissor, Dressing Forceps, Dissecting Forceps, Flapper, Seeker, Arrow Needle, Needle, Blow Pipe, B.P. Handle with Scalpel Blade, Dropper, Chain Hook, Scalpels, Magnifier Lense.	Zip	875



Buy Now!



SS
202

Dissecting Set

- Instruments made of SS Grade 202
- Set of 14 Instruments

Item Code	Description	Pack of	Price / Piece
536.303.02	made of Stainless Steel, Instruments are Dressing Scissor, Cuticle Scissor, Dressing Forceps, Dissecting Forceps, Flapper, Seeker, Arrow Needle, Needle, Blow Pipe, B.P. Handle with Scalpel Blade, Dropper, Chain Hook, Scalpels, Magnifier Lense.	Velcro	875



Buy Now!



SS
202

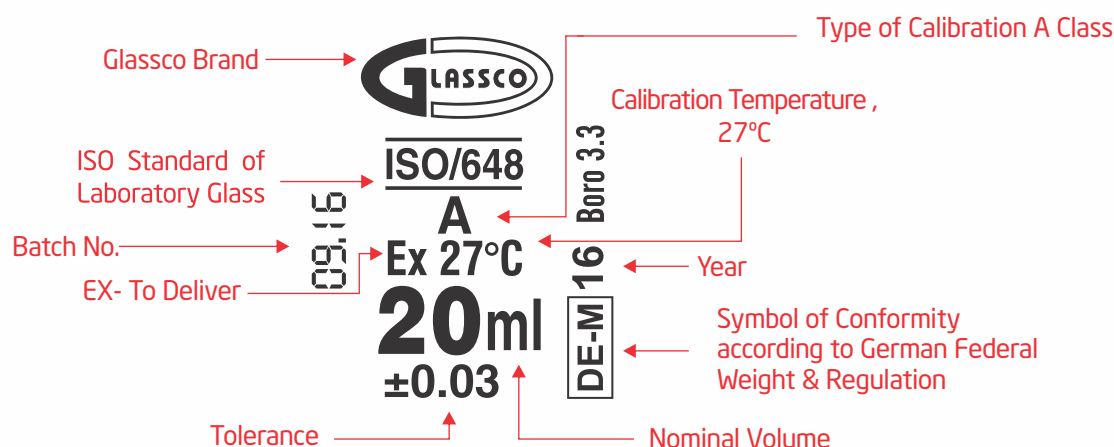
Pipettes

Glassco volumetric pipettes are manufactured in compliance with **DIN ISO 648** standards. These pipettes are calibrated to deliver (TD, EX) + 27° C .

All volumetric pipettes are calibrated by automatic machine and then the final quality check is done on the quality control centre. The volumetric pipettes come in **Class "A"** with individual work certificate which is printed in amber colour which fuses into the glass .

Each pipette is accompanied with a individual certificate in the pack you can also download the certificate from our website : www.glasscolabs.com and by scanning the QR Code from the label of the box.

Below is the over view of the one mark pipette explaining in detail the content printed on it.



Pipette, Volumetric, 1 mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- with Individual Certificate, Class A, in compliance with DIN ISO 648 Standard

Item Code	Capacity (ml)	Tolerance (± ml)	Colour Code	Pack of	Price / Piece
123.523.00	0.5	0.005	2 BLACK	5	442
123.523.01	1	0.008	BLUE	5	363
123.523.02	2	0.010	ORANGE	5	356
123.523.02A*	3	0.010	BLACK	5	411
123.523.02B*	4	0.010	2 RED	5	411
123.523.03	5	0.015	WHITE	5	411
123.523.03A*	6	0.010	2 ORANGE	5	496
123.523.03B*	7	0.010	2 GREEN	5	496
123.523.03C*	8	0.020	BLUE	5	496
123.523.03D*	9	0.020	BLACK	5	496
123.523.04	10	0.020	RED	5	496
123.523.04A*	15	0.030	GREEN	5	559
123.523.05	20	0.030	YELLOW	5	649
123.523.06	25	0.030	BLUE	5	688
123.523.07	50	0.050	RED	5	759
123.523.08	100	0.080	YELLOW	5	1187

* Non DIN



Buy Now!



Pipette, Volumetric, Class A, 1 mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with **DIN ISO 648 Standard**
- **NABL** Certified
- Comes with Individual Certificate
- Printed in Amber colour

Item Code	Capacity (ml)	Tolerance (± ml)	Colour Code	Pack of	Price / Piece
123.505.01	1	0.008	BLUE	5	690
123.505.02	2	0.010	ORANGE	5	694
123.505.02A*	3	0.010	BLACK	5	718
123.505.02B*	4	0.010	2 RED	5	718
123.505.03	5	0.015	WHITE	5	748
123.505.03A*	6	0.01	2 ORANGE	5	897
123.505.03B*	7	0.01	2 GREEN	5	897
123.505.03C*	8	0.020	BLUE	5	897
123.505.03D*	9	0.020	BLACK	5	897
123.505.04	10	0.020	RED	5	910
123.505.04A*	15	0.030	GREEN	5	1036
123.505.05	20	0.030	YELLOW	5	1183
123.505.06	25	0.030	BLUE	5	1275
123.505.07	50	0.050	RED	5	1414
123.505.08	100	0.080	YELLOW	5	2158

* Non DIN



Pipette, Volumetric, Class A, 1 mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with USP standard
- Comes with Individual Works Certificate

Item Code	Capacity (ml)	Tolerance (± ml)	Colour Code	Pack of	Price / Piece
123.520.01	1	0.006	BLUE	5	358
123.520.02	2	0.006	ORANGE	5	407
123.520.02A	3	0.010	BLACK	5	424
123.520.02B	4	0.010	2 RED	5	424
123.520.03	5	0.010	WHITE	5	433
123.520.03A	6	0.010	2 ORANGE	5	481
123.520.03B	7	0.010	2 GREEN	5	481
123.520.03C	8	0.020	BLUE	5	481
123.520.03D	9	0.020	BLACK	5	481
123.520.04	10	0.020	RED	5	493
123.520.04E	15	0.030	GREEN	5	563
123.520.05	20	0.030	YELLOW	5	645
123.520.06	25	0.030	BLUE	5	689
123.520.07	50	0.050	RED	5	797
123.520.08	100	0.080	YELLOW	5	1202



Pipettes

Pipette, Volumetric, Class B, 1 mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass



Buy Now!

Item Code	Capacity (ml)	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
122.522.01	1	0.015	BLUE	5	172
122.522.02	2	0.020	ORANGE	5	172
122.522.02A	3	0.020	BLACK	5	175
122.522.02B	4	0.020	2 RED	5	175
122.522.03	5	0.030	WHITE	5	175
122.522.03A	6	0.030	2 ORANGE	5	195
122.522.03B	7	0.020	2 GREEN	5	195
122.522.03C	8	0.020	BLUE	5	195
122.522.03D	9	0.040	BLACK	5	195
122.522.04	10	0.040	RED	5	210
122.522.04A	15	0.060	GREEN	5	245
122.522.05	20	0.060	YELLOW	5	250
122.522.06	25	0.060	BLUE	5	255
122.522.07	50	0.10	RED	5	300
122.522.08	100	0.15	YELLOW	5	445



Glassco Graduated Pipettes now comes in Type 1 (Mohr) and Type 3 (Serological).

- Type 1 : These pipettes are for partial delivery having 0 point at top.
- Type 3 : These pipettes are for complete delivery having 0 Point at top.

All are manufactured to meet ISO 835 Standards. These pipettes are calibrated to deliver (TD, EX) + 27° C. All graduated pipettes are calibrated by automatic machine and then the final quality check is done on the quality control centre. The graduated pipettes come in A class individual work certificate & are printed in amber colour. Each pipette is accompanied with individual certificate in the pack. You can also download the certificate at www.glasscolabs.com.



Buy Now!

Pipette, Graduated, Class-A

- Complies with **DIN ISO 835**
- Comes with **INDIVIDUAL** Work Certificate
- Serological Type 3

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
125.523.00	0.1	0.01	0.006	WHITE	5	559
125.523.00A	0.2	0.01	0.006	BLACK	5	559
125.523.01	1	0.01	0.007	YELLOW	5	616
125.523.01A	1	0.10	0.007	RED	5	460
125.523.02	2	0.02	0.010	BLACK	5	514
125.523.02A	2	0.10	0.01	GREEN	5	478
125.523.03	5	0.05	0.030	RED	5	594
125.523.03A	5	0.10	0.03	BLUE	5	559
125.523.04	10	0.10	0.050	ORANGE	5	639
125.523.06	25	0.10	0.100	WHITE	5	757



Pipette, Graduated, Class-A

- Complies with **DIN ISO 835**
- **NABL** Certified
- Comes with INDIVIDUAL Work Certificate
- Serological Type 3

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
125.505.00	0.1	0.01	0.006	WHITE	5	1047
125.505.00A	0.2	0.01	0.006	BLACK	5	1047
125.505.01	1	0.01	0.007	YELLOW	5	1004
125.505.01A	1	0.10	0.007	RED	5	832
125.505.02	2	0.02	0.010	BLACK	5	1010
125.505.02A	2	0.10	0.01	GREEN	5	898
125.505.03	5	0.05	0.03	RED	5	1142
125.505.03A	5	0.10	0.03	BLUE	5	1076
125.505.04	10	0.10	0.050	ORANGE	5	1201
125.505.06	25	0.10	0.100	WHITE	5	1320



Pipette, Graduated, Class-A

- Complies with **USP Standards**
- Comes with INDIVIDUAL Work Certificate
- Serological Type 3

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
125.220.00	0.1	0.01	0.010	WHITE	5	629
125.220.00A	0.2	0.01	0.010	BLACK	5	629
125.220.01	1	0.01	0.010	YELLOW	5	502
125.220.02	2	0.02	0.010	BLACK	5	496
125.220.03	5	0.05	0.020	RED	5	583
125.220.04	10	0.10	0.030	ORANGE	5	649
125.220.06	25	0.10	0.050	WHITE	5	770



Pipettes

Pipettes, Graduated, Class-B

- Printed in amber colour enamel.
- Serological Type 3



Buy Now!

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
124.522.00	0.1	0.01	0.01	WHITE	5	184
124.522.00A	0.2	0.01	0.01	BLACK	5	174
124.522.01	1	0.01	0.01	YELLOW	5	172
124.522.01A	1	0.10	0.01	RED	5	163
124.522.02	2	0.02	0.02	BLACK	5	182
124.522.02A	2	0.10	0.02	GREEN	5	170
124.522.03	5	0.05	0.05	RED	5	195
124.522.03A	5	0.10	0.05	BLUE	5	186
124.522.04	10	0.10	0.1	ORANGE	5	207
124.522.06	25	0.10	0.2	WHITE	5	324



Pipettes, Graduated, Class-A, Type 1 (Mohr)

- Complies with DIN ISO 835 Standard
- With Individual Works Certificate



Buy Now!

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
125.516.00	0.1	0.01	0.006	WHITE	5	559
125.516.00A	0.2	0.01	0.006	BLACK	5	559
125.516.01	1	0.01	0.007	YELLOW	5	512
125.516.01A	1	0.10	0.007	RED	5	460
125.516.02	2	0.02	0.010	BLACK	5	514
125.516.02A	2	0.10	0.010	GREEN	5	478
125.516.03	5	0.05	0.030	RED	5	589
125.516.03A	5	0.10	0.030	BLUE	5	559
125.516.04	10	0.10	0.050	ORANGE	5	640
125.516.06	25	0.10	0.100	WHITE	5	756



Pipettes, Graduated, Class-A, Type 1 (Mohr)

- Complies with **DIN ISO 835 Standard**
- **NABL** Certified
- With Individual Works Certificate

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
125.506.00	0.1	0.01	0.006	WHITE	5	1047
125.506.00A	0.2	0.01	0.006	BLACK	5	1047
125.506.01	1	0.01	0.007	YELLOW	5	1007
125.506.01A	1	0.10	0.007	RED	5	869
125.506.02	2	0.02	0.010	BLACK	5	1080
125.506.02A	2	0.10	0.010	GREEN	5	938
125.506.03	5	0.05	0.030	RED	5	1194
125.506.03A	5	0.10	0.030	BLUE	5	1076
125.506.04	10	0.10	0.050	ORANGE	5	1256
125.506.06	25	0.10	0.100	WHITE	5	1320

NABL
CERTIFICATE



Buy Now!



Pipettes, Graduated, Class-B, (Mohr)

- Complies with **DIN/ISO 835**

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price / Piece
124.517.00	0.1	0.01	0.01	WHITE	5	186
124.517.00A	0.2	0.01	0.01	BLACK	5	173
124.517.01	1	0.01	0.01	YELLOW	5	170
124.517.01A	1	0.10	0.01	RED	5	163
124.517.02	2	0.02	0.02	BLACK	5	179
124.517.02A	2	0.10	0.02	GREEN	5	174
124.517.03	5	0.05	0.05	RED	5	192
124.517.03A	5	0.10	0.05	BLUE	5	186
124.517.04	10	0.10	0.10	ORANGE	5	204
124.517.06	25	0.10	0.20	WHITE	5	324



Buy Now!



Pipettes



GLASS
BORO
3.3

Chemical
Resistant

Pipettes, Gerber, Milk

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with IS 1223
- Used for testing milk by the Gerber method.
- Are one-mark transfer Pipettes for measuring 10.75 ml
- Also be used in rural Milk Collection Centres



Buy Now!

Item Code	Capacity (ml)	Tolerance ($\pm$ ml)	Pack of	Price /Piece
123.507.04	10.75	0.03	10	216



GLASS
BORO
3.3

Chemical
Resistant

Pipettes, Bacteriological, Graduated

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with IS 2025
- Used for the bacteriological examination of milk
- 1.1 ml is graduated at 0.5, 1.0 & 1.1 ml
- 2.2 ml is graduated at 1.0, 2.0, 2.1 and 2.2 ml



Buy Now!

Item Code	Capacity (ml)	Tolerance ($\pm$ ml)	Pack of	Price /Piece
125.507.01	1.1	0.025	10	200
125.507.02	2.2	0.04	10	220

Pipette Box

- Made of polypropylene
- Can hold Pipettes of different lengths
- Top of the box screws on the bottom and the height can be adjusted by screwing the top

Item Code	Type	Pack of	Price / Pack
171.303.01	Pipette Box	4	952



Buy Now!



Pipette Pump

- Made of ABS
- precise pipetting & zip quick emptying
- Knurled thumbwheel can be rotated to draw up or dispense liquids while the releaser may be pushed in for zip-quick emptying
- Moulded chuck has a silicon rubber collet inside to hold various pipettes of standard sizes
- resists acids & alkalies and can be easily disassembled for thorough cleaning

Item Code	Type	Pack of	Price / Pack
104.303.01	2	12	7768
104.303.02	10	12	7768
104.303.03	15	12	8474



Buy Now!



Pipette, Bulb

- Made of natural rubber
- Comes in natural or silicon
- It allows safe, manual control of filling or discharging toxic liquids through a pipette by finger pressure (thus avoiding mouth contact).

Natural Rubber :

Item Code	Size	Capacity ml	Pack of	Price / Piece
411.303.01	Small	5	10	40
411.303.02	Medium	10	10	46
411.303.03	Large	15	10	51
411.303.03A	Extra Large	20	10	55
411.303.04	Oval	25	10	85
411.303.05	Super Large	50	10	128
411.303.06	Extra Super Large	100	10	187



Buy Now!



Si

280°C



Buy Now!

Silicon Rubber :

Item Code	Size	Capacity ml	Pack of	Price / Piece
411.303.07	Small	5	10	90
411.303.08	Medium	10	10	110
411.303.09	Large	15	10	130
411.303.10	Extra Large	20	10	145
411.303.11	Oval	25	10	280
411.303.12	Super Large	50	10	680
411.303.13	Extra Super Large	100	10	750

Pipette Filler

- With release valve allow adjustment of liquid
- Capacity 50 ml

Item Code	Type	Pack of	Price / Piece
415.303.01	Red colour, made of natural rubber	4	225
415.303.02	Blue colour, made of silicon rubber	4	518



Buy Now!



Pipette Stand (Horizontal)

- Made of Polypropylene
- Detachable stand can hold 12 pipettes, 6 on each side, in a horizontal position
- Autoclavable stand has two sides which are attached to each other with three metallic rods coated with Polypropylene
- Easy disassembling for space saving storage

Item Code	Capacity	Pack of	Price / Pack
168.303.01	for 12 Pipettes	6	931



Buy Now!



Pipette Stand (94 Pipettes- Rotary)

- Made of Polypropylene
- Holds maximum 94 pipettes and rotates on a central vertical axis for convenient selection of any pipette
- Lower rotating disc has four concentric troughs with tapered sides and open bottom which cradle the pipette tips protectively and permit water drops to run off
- Upper disc has a grid pattern concentric with the bottom disc and keeps the pipettes vertical.
- Liquids draining off the pipettes are retained on the top of the stationary base by the outer ring
- Easy disassembling & reassembling

Item Code	Capacity	Pack of	Price / Piece
170.303.01	for 94 Pipettes	1	637



Buy Now!





Pipette Controller

- Can fill 25 ml pipette under 4 seconds
- Safety valve and hydrophobic filters provide double protection against fluid penetration
- Two different speed modes - High & Low along with Gravity drain
- The pump speed can also be fine-tuned by varying finger pressure on operating knobs for better control of speed
- Cadmium free environment friendly NiMH batteries
- Batteries can be changed very easily by the user
- The intelligent charger prevents over charging/heating of batteries
- Low battery indicator
- The specially designed Desktop Stand enables the Pipette Controller to be charged while resting on it
- The Pipette Controller can hold the serological pipette while resting on Desktop Stand

Technical Data

Power	:	2x 1.2 V / 1000 mAh NiMH batteries
Battery Service Life	:	Eight hours continuous use
Battery Charging Time	:	2 - 3 hours to charge fully
Volumetric Range	:	Plastic or Glass pipette from 0.1 ml up to 200 ml
Safety System	:	Replaceable hydrophobic 0.45 µm PTFE filter Safety check valve
Standard Accessory	:	Battery charger (UK plug) Desktop Stand Hydrophobic PTFE membrane filter 0.45 µm 1Pc Hydrophobic PTFE membrane filter 0.20 µm 1Pc Wall mounting stand with screw

Ordering Information

Item Code	Capacity	Pack of	Price / Piece
501.404.01	Pipette Controller - Blue with desktop stand	1	13980



Buy Now!



Pasteur Pipette

Glassco Pasteur pipettes are manufactured to conform strict specifications laid down by research and industrial laboratories and are suitable for various laboratory applications.

Common salient features

- Made up of Borosilicate Glass
- Facilitate Controlled Drop
- Smooth, Straight-cut, Fire-polished tips (Short & Long Tip)
- Ideal for Clinical & Industrial use
- Disposable
- Supplied in Convenient Packing



Biosafety



Light Weight



Water Saving



Less Manpower



Time Saving



Low Cost



Use & Throw



Environment Friendly

Glassco Pasteur Pipettes with Cotton Plugs

- Compliance with ASTM E-732 standards

Item Code	Product Description	Overall Length	Pieces/ Case	Price / Piece
24672.400	Boro Glass 7.0 Expansion	14.6 cm	1000	3500
24672.405	Boro Glass 7.0 Expansion	22.9 cm	1000	3650
24672.410	Borosilicate Glass (3.3)	14.6 cm	1000	4100
24672.412	Borosilicate Glass (3.3)	22.9 cm	1000	4300



Buy Now!



Glassco Disposable Pasteur Pipettes

- Compliance with ASTM E-732 standards

Item Code	Product Description	Overall Length	Pieces/ Case	Price / Piece
24672.200	Boro Glass 7.0 Expansion	14.6 cm	1000	3050
24672.608	Boro Glass 7.0 Expansion with Controlled Drop**	14.6 cm	1000	3150
24672.380	Boro Glass 7.0 Expansion	22.9 cm	1000	3250
24673.010	Borosilicate Glass (3.3) Pipette - Short Tip (2 ml)	14.6 cm	1000	3600
23283.916	Boro (3.3) Pipette - Short Tip, Controlled Drop (2 ml)	14.6 cm	1000	3700
24673.043	Boro (3.3) Pipette - Long Tip (2 ml)	22.9 cm	1000	3800



Buy Now!



****Pipette body O.D. : 7 mm. | Capillary stem O.D. : Approx. 1.5mm, Delivers 22 to 28 Drops per ml**

Quartzware

Glassco Boron free Transparent silica Quartzware are manufactured as per IS/BS Standards.

- Low expansion with high thermal shock resistance with excellent dimensional stability.
- Glassco Quartzware shows no visible surface change in prolonged exposure gases, ozone, water, nitrogen oxide and other contaminants



QUARTZ GLASS

Chemical Resistant

WHITE PRINTING

Durable



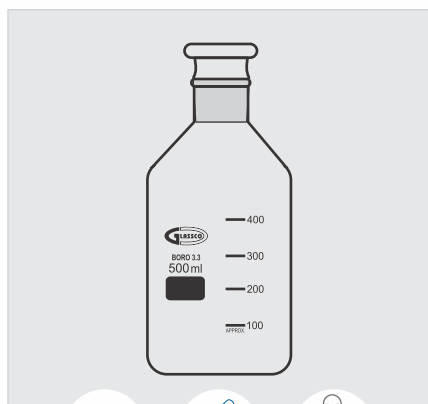
Buy Now!

Coefficient of Linear Expansion 0°C to 800°C	$5.5 \times 10^{-7} \text{ cm/}^\circ\text{C}$
Strains Point	1120°C
Annealing Point	1200°C
Softening Point	1685°C
Electrical Conductivity (at 350°C)	$7 \times 10^{-7} \text{ ohm cm}$

Beakers, Low Form, With Spout

- Accurate in dimension
- Durable

Cat. No.	Cap. (ml)	Dia. (mm)	Height (mm)	Pcs/Pack	Price / Piece
Q230.235.01	25	34	50	5	1462
Q230.235.02	50	42	60	5	2160
Q230.235.03	100	50	70	5	3318
Q230.235.04	150	60	80	5	4395
Q230.235.05	250	70	95	1	6562
Q230.235.06	500	83	118	1	12182
Q230.235.07	1000	105	145	1	21385



QUARTZ GLASS

Chemical Resistant

WHITE PRINTING

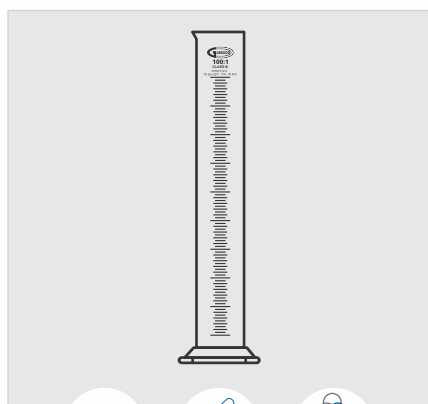


Buy Now!

Bottle, Reagent

- With hollow stopper

Cat. No.	Capacity (ml)	Pcs/Pack	Price / Piece
Q272.512.03	500	1	18990



QUARTZ GLASS

Chemical Resistant

WHITE PRINTING



Buy Now!

Cylinder, Measuring, Class B

- With spout

Cat. No.	Capacity (ml)	Pcs/Pack	Price / Piece
Q138.510.00	5	1	7600
Q138.510.01	10	1	8590
Q138.510.03	50	1	17100
Q138.510.04	100	1	23850
Q138.510.05	250	1	34100
Q138.510.06	500	1	46980

Dishes / Basins, Round

- With Spout

Cat. No.	O.D. (mm)	Height (mm)	Pcs/Pack	Price /Piece
Q247.202.01	55	23	10	1233
Q247.202.02	75	27	5	3585
Q247.202.03	85	35	5	4550
Q247.202.04	95	36	1	7504
Q247.202.05	100	38	1	9072
Q247.202.06	115	47	1	13285



Buy Now!



QUARTZ GLASS



Erlenmeyer Flasks

Cat. No.	Cap. (ml)	Dia. (mm)	Height (mm)	Pcs/Pack	Price / Piece
Q233.202.01	50	50	90	1	5900
Q233.202.02	100	64	105	1	6840
Q233.202.03	150	72	124	1	8250
Q233.202.04	250	85	140	1	9991
Q233.202.05	500	100	180	1	18650



Buy Now!



QUARTZ GLASS



Flask, Volumetric

- Accurate Dimension
- Durable

Cat. No.	Cap. (ml)	N/S	Pcs/Pack	Price /Piece
Q131.220.01	5	10/19	1	5605
Q131.220.02	10	10/19	1	3250
Q131.220.03	25	10/19	1	3835
Q131.220.04	50	12/21	1	4620
Q131.220.05	100	14/23	1	5960
Q131.220.06	250	14/23	1	8705
Q131.220.07	500	19/26	1	11040
Q131.220.08	1000	24/29	1	22980



Buy Now!



QUARTZ GLASS

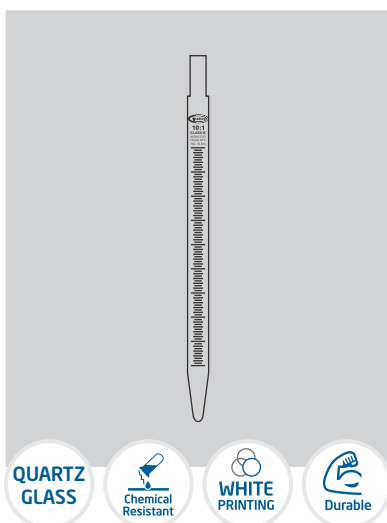




Buy Now!

Funnel

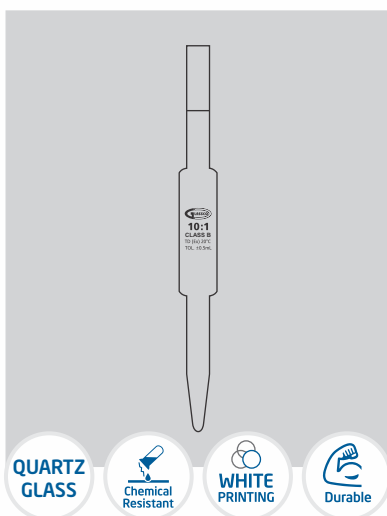
Cat. No.	Size (mm)	Pcs/Pack	Price /Piece
Q239.202.01	35	1	5200
Q239.202.02	45	1	6800
Q239.202.03	55	1	8400
Q239.202.04	70	1	11050
Q239.202.05	75	1	17030



Buy Now!

Pipette, Measuring, Mohr type

Cat. No.	Cap. (ml)	Pcs/Pack	Price /Piece
Q125.530.01	1 x 0.01	1	9109
Q125.530.02A	2 x 0.1	1	6186
Q125.530.03A	5 x 0.1	1	7984
Q125.530.04	10 x 0.1	1	9559



Buy Now!

Pipette, Transfer, Volumetric, Class B

Cat. No.	Cap. (ml)	Pcs/Pack	Price /Piece
Q122.540.01	1	1	6983
Q122.540.02	2	1	6983
Q122.540.02A	3	1	9050
Q122.540.02B	4	1	9050
Q122.540.03	5	1	8905
Q122.540.03A	6	1	10019
Q122.540.04	10	1	12247

Tube, Safety Burner

- Use with Bunsen Burners
- Available in Natural and Neoprene Rubber
- Tube has reinforced ends for better grip

Natural Rubber :

Item Code	Length (mm)	ID x OD (mm)	Pack of	Price /Piece
406.BB.01	450	8 x 14	1	91
406.BB.02	600	8 x 14	1	123
406.BB.03	900	8 x 14	1	166
406.BB.04	1000	8 x 14	1	187



Buy Now!



Neoprene Rubber :

Item Code	Length (mm)	ID x OD (mm)	Pack of	Price /Piece
426.BB.01	450	5 x 8	1	102
426.BB.02	600	5 x 8	1	128
426.BB.03	900	5 x 8	1	182
426.BB.04	1000	5 x 8	1	193



Buy Now!



Cork, Rubber Neoprene, Working temp. are 50 to 120°C

- Easy distinguishable blue color for lab use
- Flame resistant & Autoclavable
- Tolerates weathering & ozone
- Has excellent low gas permissibility

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price / Pack
420.303.01	5		5.0		10	139
420.303.02	6	9.0	6.0	16.0	10	155
420.303.03	8	10.5	8.0	20.0	10	171
420.303.04	9	11.5	9.0	20.0	10	182
420.303.05	10	12.5	10.0	20.0	10	203
420.303.06	11	14.0	11.0	24.0	10	273
420.303.07	13	16.0	13.0	24.0	10	342
420.303.08	15	18.0	15.0	24.0	10	407
420.303.09	17	20.5	17.0	26.0	10	508
420.303.10	18	21.0	18.0	26.0	10	572
420.303.11	19	22.5	19.0	28.0	10	653
420.303.12	21	24.5	21.0	28.0	10	733
420.303.13	23	26.5	23.0	28.0	10	840
420.303.14	25	28.5	25.0	28.0	10	872
420.303.15	27	31.0	27.0	32.0	10	1054
420.303.16	29	31.0	29.0	32.0	10	1268
420.303.17	31	36.0	31.0	35.0	10	1632
420.303.18	33	38.5	33.0	38.5	10	2038
420.303.19	35	45.5	35.0	36.5	10	2461
420.303.20	38	42.5	38.0	40.5	10	2852
420.303.21	40	49.5	40.0	40.5	10	2852



Buy Now!



Cork, Rubber

- Made of RSS-S grade rubber
- More pure rubber than regular stopper and has clear incineration & biodegradable property
- Permissible temp. upto 80°C & Shore Hardness 45



Buy Now!



Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price /Pack
410.303.01	000	9	6	16	10	32
410.303.02	0	13	9	15.5	10	37
410.303.03	1	14	11	18.5	10	43
410.303.04	2	16.5	13	20	10	54
410.303.05	3	19	14	21	10	59
410.303.06	4	21	15	22	10	64
410.303.07	5	22.5	17.5	23	10	80
410.303.08	6	24.5	20	24	10	107
410.303.09	7	26	20	27.5	10	118
410.303.10	8	26.5	21	27.5	10	139
410.303.11	9	28	21.5	31	10	177
410.303.12	10	30	26	33	10	209
410.303.13	11	33	29	32	10	241
410.303.14	12	34.5	30	34.5	10	262
410.303.15	13	38.5	31	37	10	348
410.303.16	14	41.5	32	42.5	10	391
410.303.17	15	42	38	40.5	10	503
410.303.18	16	45	35	36.5	10	508
410.303.19	17	49.5	40	40.5	10	599
410.303.20	18	53.5	48	33.5	10	674
410.303.21	19	58	44	45	10	781
410.303.22	20	60	51	56.5	10	1113

Cork, Rubber (Euro Design) DIN 12871



Buy Now!

EU

Item Code	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price /Pack
410.303.23	6.5	3.5	15	10	32
410.303.24	9	5	20	10	32
410.303.25	12	8	20	10	37
410.303.26	14.5	10.5	20	10	43
410.303.27	16.5	12.5	20	10	54
410.303.28	18	14	20	10	70
410.303.29	22	17	25	10	80
410.303.30	24	18	30	10	96
410.303.31	27	21	30	10	161
410.303.32	29	23	30	10	177
410.303.33	32	26	30	10	214
410.303.34	35	29	30	10	219
410.303.35	38	31	35	10	337
410.303.36	44	36	40	10	444
410.303.37	49	41	40	10	535
410.303.38	55	47	40	10	621
410.303.39	59.5	50.5	45	10	717
410.303.40	65	56	45	10	1284
410.303.41	70	60	50	10	1616
410.303.42	75.5	64.5	55	10	1915
410.303.43	83	71	60	10	1985
410.303.44	92	79	65	10	2065
410.303.45	100	87	65	10	2317
410.303.46	107	94	65	10	2573

Cork, Silicon

- Made of high quality food grade FDA approved silicone, translucent
- Non reactive & very useful for organic chemistry use
- Resistant to high pressure, vacuum, Steam sterilization & UV sterilization
- Working temp. are 50 to 250°C
- Shore Hardness 45A

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price / Pack
405.303.01	9	11.5	9	20	10	293
405.303.02	11	14	11	24	10	461
405.303.03	13	16	13	24	10	587
405.303.04	15	18	15	24	10	679
405.303.05	17	20	17	26	10	840
405.303.06	18	21	18	26	10	909
405.303.07	19	22.5	19	28	10	1058
405.303.08	23	25.5	23	28	10	1346
405.303.09	25	28.5	25	28	10	1610
405.303.10	27	31	27	32	10	1944
405.303.11	29	33	29	32	10	2484
405.303.12	31	36	31	35	10	2956
405.303.13	33	38.5	33	38.5	10	3778



Buy Now!



Cork, Silicon, Euro design

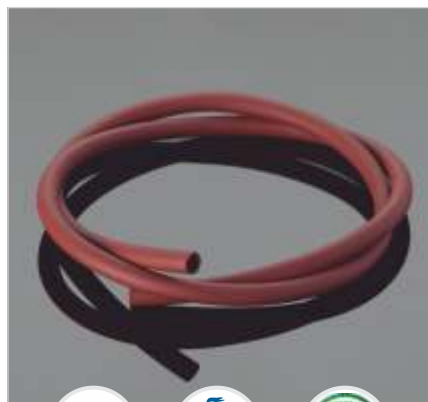
- Complies with DIN 12871 Standards

Item Code	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price / Pack
405.303.14	6.5	3.5	15	10	138
405.303.15	9	5	20	10	167
405.303.16	12	8	20	10	213
405.303.17	14.5	10.5	20	10	322
405.303.18	16.5	12.5	20	10	391
405.303.19	18	14	20	10	408
405.303.20	22	17	25	10	719
405.303.21	24	18	30	10	794
405.303.22	27	21	30	10	926
405.303.23	29	23	30	10	1162
405.303.25	35	29	30	10	2168
405.303.26	38	31	35	10	2622
405.303.27	44	36	40	10	3490
405.303.28	49	41	40	10	4014
405.303.29	55	47	40	10	4813
405.303.30	59.5	50.5	45	10	5284
405.303.31	65	56	45	10	6147
405.303.32	70	60	50	10	9626
405.303.33	75.5	64.5	55	10	12075
405.303.34	83	71	60	10	15416
405.303.35	92	79	65	10	19953
405.303.36	100	87	65	10	26669
405.303.37	107	94	65	10	28940



Buy Now!



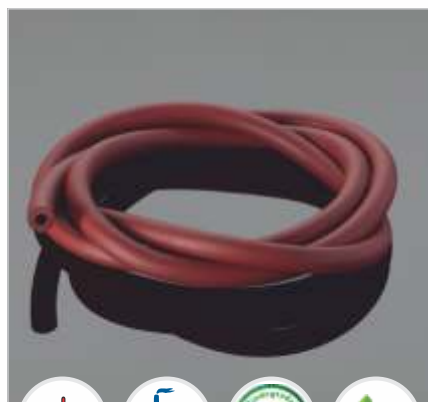


Buy Now!

Tubing, Natural Rubber

- Tubing is suitable for laboratory, pharmaceutical, industrial and educational purposes
- Comes in Red colour
- Tolerance $\pm 0.2\text{MM}$
- Made of RSS-3 grade rubber
- Has incineration & biodegradable property
- Permissible temp. -20°C to $+70^\circ\text{C}$

Item Code	Inner dia (mm)	Wall Thickness (mm)	Outer dia (mm)	Pack of	Price / Pack
406.303.01	4.0	1.0	6	10 Mtr.	268
406.303.02	5.0	1.5	8	10 Mtr.	364
406.303.03	6.0	1.5	9	10 Mtr.	428
406.303.04	7.0	1.5	10	10 Mtr.	524
406.303.05	8.0	1.5	11	10 Mtr.	599
406.303.06	9.0	2.0	13	10 Mtr.	744
406.303.07	10.0	2.0	14	10 Mtr.	819
406.303.08	12.0	2.0	16	10 Mtr.	1059



Buy Now!

Tubing, Pressure Rubber

- Suitable for laboratory, pharmaceutical, industrial and educational purposes
- Made of Natural Rubber
- Resistant to light acids, light alkalis
- Tolerance $\pm 0.2\text{MM}$
- Shore Hardness 50-55A
- Permissible temp. -20°C to $+70^\circ\text{C}$

Item Code	Inner dia (mm)	Wall Thickness (mm)	Outer dia (mm)	Pack of	Price / Pack
408.303.01	3.0	3.0	9	10 Mtr.	444
408.303.02	5.0	3.0	11	10 Mtr.	546
408.303.03	6.0	3.0	12	10 Mtr.	658
408.303.04	8.0	3.0	14	10 Mtr.	786
408.303.05	9.0	3.0	15	10 Mtr.	888
408.303.06	10.0	4.0	18	10 Mtr.	1305
408.303.07	12.0	4.0	20	10 Mtr.	1707

Tubing, High Pressure Rubber

- Suitable for laboratory, pharmaceutical, industrial and educational purposes
- Made of Natural Rubber
- Resistant to light acids, light alkalis
- Tolerance $\pm 0.2\text{MM}$
- Shore Hardness 50-55A
- Permissible temp. -20°C to $+70^{\circ}\text{C}$

Item Code	Inner dia (mm)	Wall Thickness (mm)	Outer dia (mm)	Pack of	Price / Pack
409.303.01	3.0	5.0	13	10 Mtr.	733
409.303.02	5.0	5.0	15	10 Mtr.	877
409.303.03	6.0	5.0	16	10 Mtr.	1011
409.303.04	8.0	5.0	18	10 Mtr.	1263
409.303.05	9.0	5.0	19	10 Mtr.	1343
409.303.07	10.0	6.0	22	10 Mtr.	2070
409.303.06	12.5	6.5	24	10 Mtr.	1942



Buy Now!



Tubing Pressure Green :

Item Code	Inner dia (mm)	Wall Thickness (mm)	Outer dia (mm)	Pack of	Price / Pack
401.303.01	6.4	3.2	12.8	10 Mtr.	1300



Buy Now!



Tubing, Blood Pressure Green Superior :

Item Code	Inner dia (mm)	Wall Thickness (mm)	Outer dia (mm)	Pack of	Price / Pack
403.303.01	3	2.5	8	10 Mtr.	792



Buy Now!



Tubing, Silicon Rubber

- Complies with USP VI standards & USP CFR 177 2600 Complaint
- Made of high quality food grade
- Non reactive & very useful for organic chemistry use
- Resistant to high pressure, vacuums, Steam sterilization & UV sterilization
- Working temp. are -50 to 250°C
- Shore Hardness 45A



Buy Now!

Item Code	Inner dia (mm)	Wall Thickness (mm)	Outer dia (mm)	Pack of	Price / Pack
400.303.01	2	1	4	10 Mtr.	750
400.303.02	3	1	5	10 Mtr.	790
400.303.03	3	1.5	6	10 Mtr.	1250
400.303.04	4	1	6	10 Mtr.	1250
400.303.05	4	1.5	7	10 Mtr.	1450
400.303.06	5	1	7	10 Mtr.	1900
400.303.07	5	1.5	8	10 Mtr.	1900
400.303.08	6	1	8	10 Mtr.	2200
400.303.09	6	1.5	9	10 Mtr.	3200
400.303.10	6	2	10	10 Mtr.	3400
400.303.11	6	3	12	10 Mtr.	5900
400.303.12	7	1.5	10	10 Mtr.	3100
400.303.13	7	2	11	10 Mtr.	3900
400.303.14	8	1.5	11	10 Mtr.	3150
400.303.15	8	2	12	10 Mtr.	3800
400.303.16	8	3	14	10 Mtr.	5457
400.303.17	9	2	13	10 Mtr.	4514
400.303.18	10	2	14	10 Mtr.	5457
400.303.19	10	3	16	10 Mtr.	6500
400.303.20	12	3.5	19	10 Mtr.	8809
400.303.22	14	3	20	10 Mtr.	9550
400.303.23	15	4	23	10 Mtr.	15805
400.303.24	16	3	22	10 Mtr.	13127

Tubing, Silicon Platinum Cured



Buy Now!

Item Code	Inner dia (mm)	Wall Thickness (mm)	Outer dia (mm)	Pack of	Price / Pack
400.350.03	3.0	1.5	6	1 Mtr.	185
400.350.05	4.0	1.5	7	1 Mtr.	203
400.350.07	5.0	1.5	8	1 Mtr.	272
400.350.09	6.0	1.5	9	1 Mtr.	306
400.350.10	6.0	2.0	10	1 Mtr.	341
400.350.12	7.0	1.5	10	1 Mtr.	341
400.350.13	7.0	2.0	11	1 Mtr.	392
400.350.14	8.0	1.5	11	1 Mtr.	392
400.350.15	8.0	2.0	12	1 Mtr.	404
400.350.17	9.0	2.0	13	1 Mtr.	599
400.350.18	10.0	2.0	14	1 Mtr.	806
400.350.20	12.0	2.0	16	1 Mtr.	824

Tubing, Vacuum

- Made of pure natural rubber.
- Used for high pressure applications
- Available in per meter
- Walls does not collapse at high pressure applications

Item Code	ID x OD (mm)	Pack of	Price /Pack
407.303.01	6 x 19	1 Mtr.	872
407.303.02	8 x 22	1 Mtr.	942



Buy Now!



Teats

- Used in laboratory with droppers for dispensing drops or qualitative amounts of liquids or chemicals.

Item Code	Type	Rubber Type	Capacity	Pack of	Price / Pack
414.303.01	Conical	Natural Rubber	1	10	492
414.303.02	Conical	Natural Rubber	2-3	10	1354
414.303.03	Round	Natural Rubber	1	10	492
414.303.04	Conical	Silicon Rubber	1	10	2168
414.303.05	Conical	Silicon Rubber	2-3	10	2714
561.505.01	Round	Latex Rubber	Small	10	710
561.505.02	Round	Latex Rubber	Large	10	1190

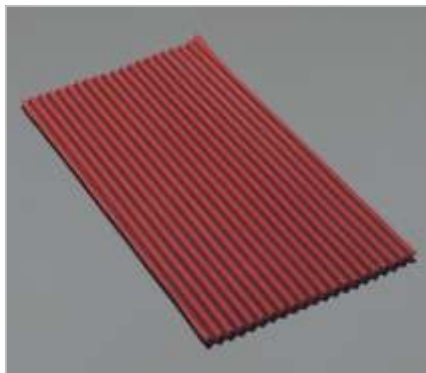


Buy Now!



Available in **pack of 10** only

Available in **Pack of 10 Meter Coil** only



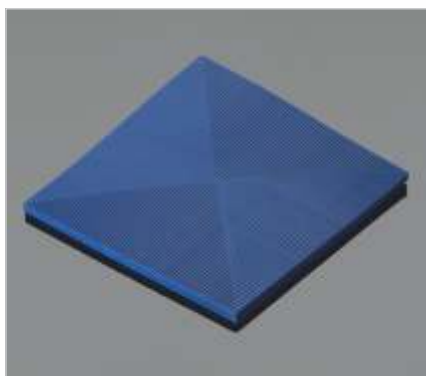
Buy Now!

Sheet, Rubber Corrugated

- Used in Industrial Shelves, Hospital and Medical Buildings

Item Code	Dimension (mm)	Pack of	Price /Piece
402.303.01	350 x 150	4	112

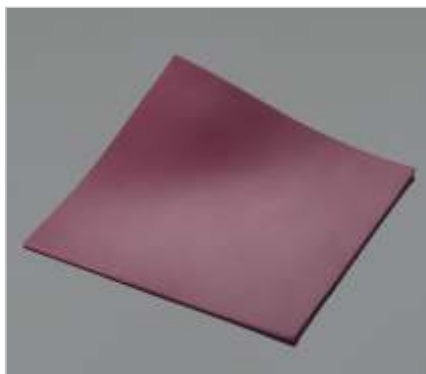
Minimum order quantity : **5 Meter coil**



Buy Now!

Mat, Laboratory

Item Code	Dimension (mm)	Rubber Type	Pack of	Price /Piece
402.400.01	12" x 12"	Natural Rubber	4	2065
402.400.02	12" x 12"	Silicone Rubber	4	3042



Buy Now!

Sheet, Laboratory

- Used to avoid direct surface Contact of glassware products on the solid surface.

Item Code	Dimension (mm)	Rubber Type	Pack of	Price /Piece
402.500.01	9.5" x 9.5" x 2.7	Natural Rubber	4	171
402.500.02	9.5" x 9.5" x 2.7	Silicone Rubber	4	1478

Test Tube, Re-usable

- Complies to **EN ISO 4142**
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Without Rim
- Uniform wall Thickness
- Excellent heat transfer

Item Code	Capacity (ml)	O.D. x Height (mm)	Thickness (mm)	Pack of	Price /Piece
097.202.01	3	10 x 75	1.0	100	9
097.202.02	5	12 x 75	1.0	100	9
097.202.03	6	12 x 100	1.0	100	13
097.202.04*	13	15 x 125	1.2	100	15
097.203.05*	15	15 x 150	1.2	100	19
097.202.05	27	18 x 150	1.2	100	29
097.203.06	45	20 x 150	1.2	100	38
097.211.07A*	38	25 x 100	1.2	100	18
097.202.06*	55	25 x 150	1.2	100	28
097.202.07*	60	25 x 200	1.2	100	24
097.211.10A*	100	32 x 200	1.4	50	59
097.211.12*	150	38 x 200	1.4	50	71

* Non DIN/ISO



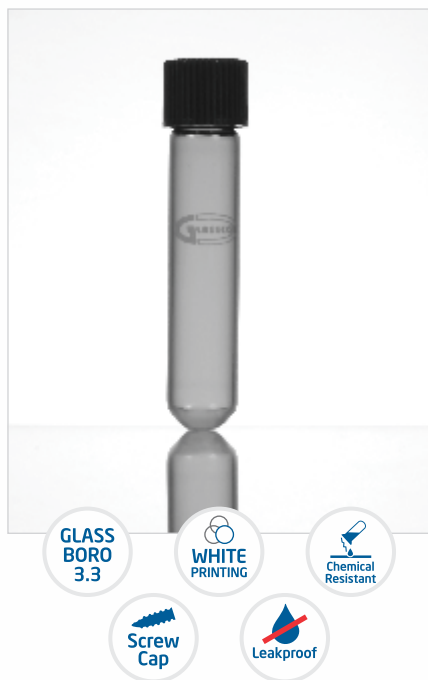
Test Tube, Re-usable

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Rim EN ISO-4142
- Uniform wall Thickness
- Excellent heat transfer

Item Code	Capacity (ml)	O.D. x Height (mm)	Thickness (mm)	Pack of	Price / Piece
097.215.01	3	10 x 75	1.0	100	9
097.215.02	5	12 x 75	1.0	100	9
097.215.03	7	12 x 100	1.0	100	13
097.215.04*	13	15 x 125	1.2	100	15
097.215.04A*	15	15 x 150	1.2	100	18
097.215.06	27	18 x 150	1.2	100	19
097.215.07	45	20 x 150	1.2	100	28
097.215.08*	38	25 x 100	1.2	100	24
097.215.08A*	55	25 x 150	1.2	100	30
097.215.08B*	70	25 x 200	1.2	100	38
097.215.12*	100	32 x 200	1.4	50	59
097.215.14*	150	38 x 200	1.4	50	71

* Non DIN/ISO





Buy Now!

Tubes Culture Round Bottom, Reusable

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Screw Thread and Teflon Liner
- Leakproof
- Comes with PP Screw Cap

Item Code	O.D. x Length (mm)	Bottom Type	Capacity ml	Pack of	Price / Piece
082.204.01	12 x 100	Round	5	100	38
082.204.02B	16 x 75	Round	5	100	58
082.204.02	16 x 100	Round	10	100	58
082.204.03	16 x 125	Round	15	100	63
082.204.04	16 x 160	Round	20	100	68
082.204.05	18 x 180	Round	30	100	71
082.204.06	20 x 100	Round	15	100	71
082.204.07	20 x 200	Round	40	100	73
082.204.08	22 x 200	Round	45	100	77
082.202.05	25 x 100	Round	30	100	79
082.202.06	25 x 150	Round	50	100	84
082.202.07	25 x 200	Round	60	100	84
082.204.13	38 x 200	Round	150	50	351



Buy Now!

Tubes, Amber Culture Media, Round Bottom, Reusable

- The uniform Amber colour is highly durable and chemical resistance
- Leakproof
- Comes with PP Screw Cap & PTFE Liner

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of	Price / Piece
082.279.05	5	16 x 75	Round	100	105
082.279.05A	10	16 x 125	Round	100	136
082.279.10	30	25 x 100	Round	100	152
082.279.10A	60	25 x 200	Round	100	199
082.279.13	150	38 x 200	Round	50	891

PS: Test Tubes in other sizes can be provided on request

Tubes, Culture Media, Flat Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Printed in matt finish white colour enamel
- Comes with PP Screw Cap & PTFE Liner
- Uniform wall Thickness

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of	Price / Piece
083.204.02C	5	16 x 50	Flat	100	52
083.202.01	5	18 x 45	Flat	100	52
083.202.02A	10	25 x 50	Flat	100	68
083.202.02AB	15	25 x 57	Flat	100	64
083.202.02B	20	25 x 72	Flat	100	73
083.202.03	30	25 x 95	Flat	100	79
083.202.04	40	25 x 145	Flat	100	84



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Screw
Cap

Tubes, Amber Culture Media, Flat Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- The uniform Amber colour is highly durable and chemical resistance
- Comes with PP Screw Cap & PTFE Liner

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of	Price / Piece
083.279.01	5	16 x 50	Flat	100	105
083.279.01A	5	18 x 45	Flat	100	105
083.279.02	10	25 x 50	Flat	100	142
083.279.03	15	25 x 57	Flat	100	142
083.279.04	20	25 x 72	Flat	100	168
083.279.06	30	25 x 100	Flat	100	178
083.279.06A	40	25 x 145	Flat	100	194



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

Screw
Cap

PS: Test Tubes in other sizes can be provided on request

Closure Cap for Test Tubes

- Made of Polypropylene



Buy Now!



Item Code	Size for Tube (mm)	Pack of	Price /Piece
100.202.01	12	100	11
100.202.02	15	100	11
100.202.03	18	100	13
100.202.04	20	100	16
100.202.05	25	100	18

Disposable Glassware Culture Tube - Boro Glass 5.1

Glassco Disposable Culture Tubes are resistant to chemical attack and weathering.

Salient Features:

- Boro Glass 5.1 Expansion offers excellent chemical resistance
- High heat tolerance
- Uniform dimensions
- Convenient dispensing packages

Manufactured from Type-I, Class B borosilicate glass, each tube is heat-treated at temp. exceeding 500°C (932°F) immediately before packing, which eliminates contamination, increases strength, and reduces breakage. Tubes features well-rounded bottoms and fire polished tops free of rough edges. Dimensional specifications of these tubes are rigidly controlled for reliable, uniform results.

Tubes are clean-sealed in a convenient dispensing package to keep them free from dust and other particulate contamination.

Tube (O.D. 6 x 50 mm) is also known as a **Durham Tube**.

Contents will not leach out and contaminate solutions. Borosilicate glass construction prevents pH change in laboratory tests.



Biosafety



Light Weight



Water Saving



Less Manpower



Time Saving



Low Cost



Use & Throw



Environment Friendly

Item Code	O.D. x Height (mm)	Over Flow Volume (ml)	Pieces/Case	Price / Case
27729.566	6 x 50	0.75	2000	5821
27729.568	10 x 75	3	1000	2996
27729.570	12 x 75	5	1000	3311
27729.572	13 x 100	9	1000	3894
27729.574	15 x 85	10	1000	4235
27729.576	16 x 100	14	1000	5005
27729.578	16 x 125	18	1000	6215
27729.580	16 x 150	22	1000	7106
27729.583	18 x 150	28	500	4840
27729.584	20 x 150	34	500	5610
27729.586	25 x 150	60	500	6930



Buy Now!



GLASS BORO 5.1

WHITE PRINTING

Chemical Resistant

Disposable Glassware Culture Tube - Boro Glass 7.0

These tubes are chemically clean and well-suited for general use in chemistry, blood banks, hematology and other laboratory procedures.

Salient Features:

- Fire-polished top
- Shrink-film sealed to prevent contamination
- Well-rounded bottoms

Each tube is annealed at temperatures over 426.7°C (800°F) to increase strength and reduce breakage. Tubes feature smooth, well-rounded bottoms with no irregularities. Tops are fire-polished to eliminate rough edges. Tubes are packed in lint-free packaging and are shrink-film sealed to prevent any contamination from outside sources.

Item Code	O.D. x Height (mm)	Over Flow Volume (ml)	Pieces/Case	Price / Case
20825.402	10 x 75	3	1000	2420
20825.406	12 x 75	5	1000	2515
20825.414	13 x 100	9	1000	2771
20825.425	16 x 100	11	1000	3692
20825.430	16 x 125	15	1000	4664
20825.435	16 x 150	20	1000	5243
20825.443	18 x 150	28	500	3638
20825.447	20 x 150	34	500	4280



Buy Now!



GLASS BORO 7.0

WHITE PRINTING

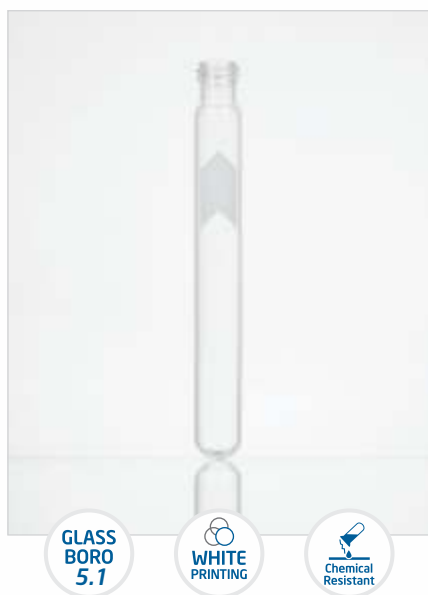
Chemical Resistant

Disposable Glassware Culture Tube with Screw Cap Finish - Boro Glass 5.1

Tubes have a marking spot and reference mark for orientation during use and a threaded neck to accept screw cap.

Salient Features :

- Borosilicate glass 5.1 expansion construction
- Marking spot and orientation reference mark on all tubes



Buy Now!

Item Code	O.D. x Height (mm)	Thread Finish	Over Flow Volume (ml)	Pieces/ Case	Price / Case
23283.800	13 x 100	13-415	8	1000	9900
23283.802	16 x 100	15-415	12	1000	11770
23283.804	16 x 125	15-415	16	1000	12840
23283.806	16 x 150	15-415	20	1000	14766
23283.685	20 x 125	18-415	30	500	7083
23283.686	20 x 150	18-415	33	500	8346



Buy Now!

Phenolic Caps, With Rubber Liner

Item Code	O.D. x Height (mm)	Thread Finish	Pieces/ Case	Price / Case
23283.800C	13 x 100	13-415	1000	7490
23283.804C	16 x 125	15-415	1000	8025
23283.685C	20 x 125	18-415	1000	8560

Test Tube

- With Interchangeable Penny Head Glass Stopper

Item Code	Height x O.D. (mm)	Stopper Size	Pack of	Price / Piece
096.502.01	100 x 12	10/19	100	176
096.502.02	125 x 15	12/21	100	193
096.502.03	150 x 18	14/23	100	210
096.502.04	150 x 25	19/26	100	255
096.502.05	200 x 25	19/26	100	306
096.502.06	200 x 32	24/29	50	419
096.502.07	200 x 38	24/29	50	479



Buy Now!



GLASS
BORO
3.3

WHITE
PRINTING

Chemical
Resistant

HOLLOW

Test Tube

- With joint & Penny Head Glass stopper
- With Graduation

Item Code	Height x O.D. (mm)	Stopper Size	Capacity ml	Pack of	Price / Piece
095.502.00	100 x 12	10/19	5	100	204
095.502.03A	125 x 16	12/21	10	100	217
095.502.03B	150 x 18	14/23	20	100	227
095.502.03C	150 x 22	19/26	25	100	249
095.502.04A	150 x 25	19/26	30	100	266
095.502.04	200 x 25	19/26	50	100	278
095.502.05B	200 x 32	24/29	100	50	425
095.502.07	200 x 38	24/29	150	50	499



Buy Now!



GLASS
BORO
3.3

BLUE
PRINTING

Chemical
Resistant

HOLLOW



Tube, COD Digestion Tube, With Stopper

- Made from thick walled, mechanically very resistance borosilicate glass
- Used in COD Disintegration
- Printed in White colour enamel



Buy Now!

Item Code	O.D. x Length (mm)	N/S	Pack of	Price /Piece
091.202.15	36 x 205	29/32	10	477
091.202.17	39 x 205	29/32	10	477



Test Tube, Flat Bottom

- Made of borosilicate glass, designed with a flat bottom
- High thermal shock resistance
- Designed without a rim
- Used for pathological tests and disintegration apparatus



Buy Now!

Item Code	O.D. x Length (mm)	Cap. (ml)	Pack of	Price /Piece
093.202.02	12 x 75	5.	100	23
093.202.06A	18 x 138	22	100	45
093.202.06	18 x 55	26	100	30
093.202.03A	13 x 110	10	100	42
093.502.07	18 x 100	18	100	45

Tube, Reaction

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass

Item Code	Capacity (ml)	Socket	Pack of	Price /Piece
047.202.06	25	14/20	1	528



Buy Now!



Brush, Test Tube

Item Code	Type	Material	Pack of	Price /Piece
593.303.02	Test Tube Brush	Nylon	50	74



Buy Now!





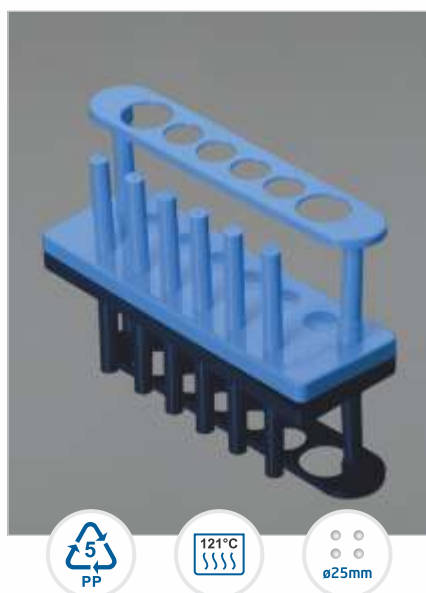
Test Tube Baskets

- Made of Polypropylene
- Are autoclavable and non-corrosive
- Ideal for rinsing & draining glassware
- Useful for storage of test tubes or culture tubes during sterilization or incubation



Buy Now!

Item Code	Size	Pack of	Price /Pack
167.303.01	140 x 120 x 110	6	674
167.303.02	160 x 160 x 160	6	899
167.303.03	400 x 400 x 100	6	2868



Test Tube Stand

this autoclavable stand is perhaps the most commonly used Test Tube Stand in various laboratories. For better visibility, this 6 place rack is end supported by 2 columns. The top plate has 2 holes for holding 25 mm dia test tubes, four holes to hold 16 mm dia tubes where as the base has corresponding hemispherical wells. It also has six vertical pins for drying tubes.

Material : Polypropylene



Buy Now!

Item Code	Size	Pack of	Price /Pack
161.303.02	25 mm. Tubes	12	795

Test Tube Stand (3 TIER)

- Made of Polypropylene
- Ingenious racks with 3-Tier design provide clear view of the tube contents
- Convenient inserting & removal of tubes
- Every part of rack is coloured & opaque
- Are autoclavable and withstand sub-freezing temperatures

Item Code	Size/Capacity	Pack of	Price /Pack
163.303.01	13 mm x 31 Tubes	2	326
163.303.02	16 mm x 31 Tubes	2	326
163.303.03	20 mm x 20 Tubes	2	439
163.303.04	25 mm x 12 Tubes	2	326
163.303.05	25 mm x 18 Tubes	2	439
163.303.06	32 mm x 12 Tubes	2	514
163.303.07	25 mm x 36 Tubes	2	813
163.303.08	13 mm x 18 Tubes	4	417
163.303.09	15 mm x 18 Tubes	4	417
163.303.10	18 mm x 12 Tubes	4	417
163.303.11	13 mm x 62 Tubes	2	567
163.303.12	16 mm x 62 Tubes	2	567
163.303.13	20 mm x 40 Tubes	2	813
163.303.14	13 mm x 48 Tubes	2	449
163.303.15	13 mm x 72 Tubes	2	514



Buy Now!



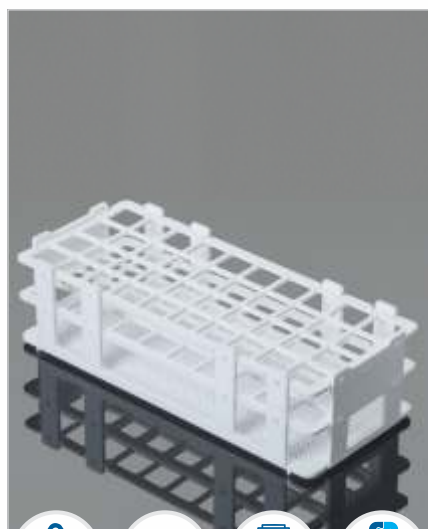


Buy Now!

Test Tube Stand (3 TIER)

- Made of Polycarbonate
- Ingenious racks with 3-Tier design provide clear view of the tube contents
- Convenient inserting & removal of tubes
- Every part of rack is coloured & opaque
- Are autoclavable and withstand sub-freezing temperatures
- Has transparent upper & middle plates where plates

Item Code	Size/Capacity	Pack of	Price /Pack
164.303.01	13 mm x 31 Tubes	2	803
164.303.02	16 mm x 31 Tubes	2	803
164.303.03	20 mm x 20 Tubes	2	899
164.303.04	25 mm x 12 Tubes	2	803
164.303.05	13 mm x 62 Tubes	2	1648
164.303.06	16 mm x 62 Tubes	2	1648
164.303.07	20 mm x 40 Tubes	2	1830
164.303.08	25 mm x 24 Tubes	2	1648
164.303.09	25 mm x 18 Tubes	2	910
164.303.10	25 mm x 36 Tubes	2	1840
164.303.11	32 mm x 12 Tubes	2	1412



Buy Now!

Test Tube Stand (Wire Pattern)

- Made of Polypropylene
- Economical substitute for wire racks
- Are autoclavable and stackable when empty
- Available in different colours and are made of a special blend of Polypropylene that makes it sink in a water bath and maintain their stability even in agitated water
- Easily disassembling for cleaning purpose
- base is in the form of a grid with square openings and has fold up sides and end bars that lock in to rack tops

Item Code	Size/Capacity	Pack of	Price /Pack
166.303.01	13 mm. x 90 Tubes	6	1091
166.303.02	16 mm. x 60 Tubes	6	1091
166.303.03	20 mm. x 40 Tubes	6	1091
166.303.04	25 mm. x 24 Tubes	6	1091
166.303.05	30 mm. x 21 Tubes	6	1091

Manufactured from ASTM E-438, Type-1, CLASS-A, BORO 3.3 GLASS. These tubes come with uniform wall thickness for maximum heat transfer and chemical resistance

Centrifuge Tubes, Conical Bottom Graduated

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Uniform wall Thickness
- Strudy Lip

Item Code	Capacity (ml)	Height x O.D. (mm)	Pack of	Price / Piece
088.202.01	5	100 x 13	100	84
088.202.02	10	110 x 15	100	88
088.202.03	15	120 x 17	100	147
088.202.04	25	125 x 22	100	188
088.202.05	50	125 x 29	50	294
088.202.06	50	140 x 29	20	274



Buy Now!



Centrifuge Tubes, Conical Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Uniform wall Thickness
- Strudy Lip

Item Code	Capacity (ml)	Height x O.D. (mm)	Pack of	Price / Piece
089.202.02	5	100 x 13	100	54
089.202.03	10	110 x 15	100	56
089.202.05	15	120 x 17	100	73
089.202.06	25	125 x 22	100	174
089.202.07	50	125 x 29	50	230



Buy Now!





Buy Now!

Tube, Centrifuge

- Round Bottom Graduated
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Printed in Blue colour

Item Code	Capacity (ml)	Height x O.D. (mm)	Pack of	Price /Piece
094.202.01	12	16 x 110	100	113
094.202.02	30	24 x 110	100	143
094.202.03	40	28 x 110	50	165
094.202.04	50	30 x 110	50	176
094.202.05	100	45 x 110	50	248
094.202.07	200	55 x 116	50	363



Buy Now!

Float Rack

- Made of Polypropylene
- Autoclavable and can hold 16 micro centrifuge tubes for incubation in water baths
- Easy to load
- Essential in microbiology & immunology labs.
- Sur face of the rack has raised alpha - numeric index for easy identification and has a ventral rod handle for convenient lif ting.

Item Code	Capacity (ml)	Pack of	Price /Pack
131.303.01	16 MCT'S of 1.5 ml.	12	2311

Centrifuge Tube Conical Bottom

- Made of Polypropylene
- Are Clear Strong & Safe
- Are autoclavable and both printed graduation
- Leakproof
- Can withstand forces upto 7500 x G 15ml & 1200 x G for 50 ml

Item Code	Capacity (ml)	Pack of	Price /Pack
135.303.01	15	100	950
135.303.02	50	100	1120
135.303.03	15 Sterile	100	948
135.303.04	50 Sterile	100	1410



Buy Now!



Tube, Centrifuge, Round Bottom

- Made of Polypropylene & Polycarbonate
- Are strong enough to be used upto 50,000xG
- Autoclavable

Item Code	Capacity (ml)	Pack of	Price /Pack
136.303.01	16 ml. Tube PP.	50	2454
136.303.02	50 ml. Tube PP.	50	6352
136.303.03	16 ml. Tube PC.	50	4731
136.303.04	50 ml. Tube PC.	50	7010



Buy Now!





Buy Now!

OAK Ridge Centrifuge Tubes

- Made of Polypropylene
- Can be used upto 50,000xG
- Screw cap is fitted with silicone O-ring making it totally leakproof
- Should not be used below 4°C

Item Code	Capacity (ml)	Pack of	Price /Pack
137.303.01	30	12	622
137.303.02	50	12	1196
137.303.03	100	12	1592



Buy Now!

Centrifuge Tubes Box

- Made of Polypropylene
- These boxes provide substitute for conventional cardboard or foam rack
- These boxes are autoclavable & can withstand Temperature ranging from -90°C to +120°C

Item Code	Capacity (ml)	Pack of	Price /Pack
165.305.03	30	4	1255
165.305.05	50	4	1255

Tube, Micro Centrifuge

- Made of Polypropylene
- Built in plugs make these tubes leakproof
- Used for transmitting sample for micro analysis

Item Code	Capacity (ml)	Pack of	Price /Pack
130.303.01	0.5	1000	880
130.303.02	1.5	1000	972



Buy Now!



Rack For Micro Centrifuge Tube

- Made of Polycarbonate
- Autoclavable
- Made for holding twenty four 1.5 ml. micro centrifuge tubes
- Unique stacking feature prevents movement in any direction
- Holes are numbered & lettered for easy identification

Item Code	Quantity	Pack of	Price /Pack
165.303.03	100 Tubes	2	417



Buy Now!





Buy Now!

29 GU Organic Chemistry Set

- This set is ideal for introducing student to the principal techniques of preparative organic chemistry.
- Although the set is very simple a surprising number of preparations on the 30 g scale can be carried out.

Item Code	Description	Price /Piece
202.202.01	Complete set comprising 5 items of Glassware.	2200

Item No	Components	29 BU/M
1	Pear shaped flask 50ml	1
2	Still head	1
3	Liebig condenser	1
4	Screw cap adapter	1
5	Receiver adapter	1



Buy Now!

27 GU Organic Chemistry Set

- A highly popular set in schools, colleges and universities.
- It has been purposely designed to cover the essential requirements for the teaching of organic chemistry and is suitable for preparations up to 30g.
- This is a set which is difficult to beat for versatility.

Item Code	Description	Price /Piece
203.202.01	Complete set comprising 9 items of Glassware.	3000

Item No	Components	27 BU/M
1	Pear shaped flask 50ml	1
2	Still head	1
3	Liebig condenser	1
4	Screw cap adapter	1
5	Receiver adapter	1
6	Air leak/steam inlet tube	1
7	Dropping funnel, 50 ml with PTFE Needle Valve Stopcock	1
8	Stopper	1
9	Thermometer	1

34 GU Organic Chemistry Set

- For student use in preparation organic chemistry up to the 1501 g scale, this includes all the necessary equipment to allow a wide range of preparation to be carried out
- IT is also invaluable for industrial laboratories where the amount of preparative work is not great and may occur at infrequent intervals
- For such applications, this set has the advantage of covering an extensive field of work and occupying little space when not in use

Item Code	Description	Price /Piece
207.202.01	Complete set comprising 16 items of Glassware.	6000



Buy Now!



Item No	Components	Socket size	Cone size
1	Still head	14/23	19/26
2	Receiver	19/26	24/29
3	Air leak/steam inlet tube	-	19/26
4	Liebig condenser	19/26	19/26
5	Dropping funnel, 100 ml	19/26	19/26
6	Reducing adapter	19/26	24/29
7	Multiple adapter	19/26	24/29
8	Flask, R.B., 50 ml	24/29	-
9	Flask, Erlenmeyer, 250 ml	24/29	-
10	Flask, R.B., 250 ml	24/29	-
11	Stopper	-	19/26
12	Stopper	-	19/26
13	Thermometer Pocket	-	14/23
14	Receiver adapter	19/26	-
15	Flask, R.B., 100ml	24/29	-
16	Stopper	-	24/29



Buy Now!

Storage Vial

- Made of Polyethylene
- Used for storage of biological material, human & animal cells at temp. as low as -190°C
- Cap is provided with a built in seal ring making the vial leakproof
- Base of the vial has longitudinal grooves which give it a non-twisting character when placed in a vial rack

Item Code	Capacity (ml)	Pack of	Price /Pack
144.303.01	2.0	500	1580
144.303.02	5.0	500	2475



Buy Now!

Test Tube with Screw Cap

- Made from polypropylene
- Tubes provide excellent option for RIA, Coagulation & Bacteriology etc
- Available with screw cap

Item Code	Capacity (ml)	Pack of	Price /Pack
142.303.02	16x100mm Ext. Thread	500	4250



Buy Now!

Sv5 Vial

- Made of Polypropylene
- Have polypropylene cap with built in seal ring making it a leak proof vial
- Used for the storage of biological material, animal & human cells etc

Item Code	Capacity (ml)	Pack of	Price /Pack
147.303.02	SV - 5 ml	500	2675

Caps for 9mm - 2ml Screw Neck Vials

Screw / PTFE

Product Code	Colour	Cap MOC	Septa MOC	Septa Amount	Septa Mount/ Feature	Vial Pack	Vial Case Qty	Price Per Pack
086.205.02	Blue	PP	Silicone	Bonded	-	100	10x100	16500
086.206.02	Blue	PP	Silicone	Bonded	Pre-Slit	100	10x100	16500



Buy Now!



9mm - Clear Screw Neck Vials

Product Code	Volume ml	Vial Colour	Write on Patch	Vial Dia mm	Vial Height	Vial Pack	Vial Case Qty	Price Per Pack
086.202.02	2	Clear	Yes	12	32	100	10x100	13000
086.208.02	2	Amber	Yes	12	32	100	10x100	17000



Buy Now!

TOC Vials, Clear Glass

- Borosilicate Glass Exp. 5.1
- With Bonded Cap & Silicone Septa having flip cover
- Tolerance : O.D. 27.50 +/- 0.20mm
- Wall Thickness 1.20mm +/- 0.05mm

Product Code	Capacity ml	O.D. x Height	Glass	Septa	Vial Pack of	Price Per Pack
083.205.02	20	28x57	Clear	Bonded	1x72	9010
083.205.04	40	28x95	Clear	Bonded cap with flip cover	1x72	14500
083.206.02	20	28x57	Amber	Bonded	1x72	9116
083.206.04	40	28x95	Amber	Bonded cap with flip cover	1x72	16000



Buy Now!





Rack for Scintillation Vial

Made from Polypropylene, are autoclavable & corrosion resistant. There is an individual rack for both 8 ml. & 20 ml. vials. These rugged & stable racks can hold scintillation vials for convenient storage, handling & sample preparations.



Buy Now!

Item Code	Type	Pack of	Price /Pack
149.303.01	Rack for 90 vials of 8 ml	2	1423
149.303.02	Rack for 50 vials of 20 ml	2	910



Cryo Rack

- Made from Polycarbonate making it tough, durable & autoclavable
- Can hold 50 vials at a time
- This rack is provided with four anti skid rubbers & each well is identified with an alpha-numeric index



Buy Now!

Item Code	Type	Pack of	Price /Pack
153.303.01	50 places for 1, 1.8 and 4.5 ml Cryo vials	2	877

MCT Twin Rack

- Made from Polypropylene
- Twin Purpose Rack for both 0.5 ml & 1.5 ml. micro centrifuge tubes
- Each side has 108 holes for 0.5 & 1.5 ml. MCT'S, respectively
- Transparent top provides an excellent view as well as a protection cover for the tubes stored
- Each face of the base has a unique alpha-numeric index for easy identification of the tube

Item Code	Capacity (ml)	Pack of	Price /Pack
133.303.01	Rack for 96 PCR Tubes of 0.2 ml	4 pc	1241



Buy Now!



Cryo Box (Cardboard)

- Made from Polypropylene
- Used for storage and preservation of frozen samples
- These can withstand ultra low temperature in deep freezers and has removable top lid
- These can be used for upright freezers, drawers & chest freezers with dividers and are laminated.
- Material Polypropylene & Cardboard

Item Code	Capacity (ml) Micro tubes & cryovials	Dim (LxWxH)	Material	Pack of	Price / Pack
155.303.01	81 places for 1ml & 1.8ml	132x132x50	PP	8	1470
155.303.02	100 places for 1ml & 1.8ml	132x132x50	PP	8	1470
155.303.03	81 places for 1.5ml & 2ml	132x132x50	Cardboard	8	1573
155.303.04	100 places for 1.5ml & 2ml	132x132x50	Cardboard	8	1305



Buy Now!



Water Distillation

Water Stills are carefully designed to produce high purity pyrogen free distilled water.

Unit consist of :

- Horizontal type boiler borosilicate glass
- Condenser
- Constant level device
- Silica sheathed (Quartz) heater
- With stand and clamp etc

Key Features :

- Borosilicate condenser and boiler are fitted with a removable silica sheath (Quartz) heater.
- Distillate temperature is around 65 to 75°C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Drain nozzle/Teflon stop cork is provided for easy cleaning and maintenance.
- The model is equipped with in-built temperature switch to protect the Glass parts in case of water failure or overheating.



Single stage, water distillation, all glass, horizontal model with inbuilt safety cutoff

Cat No.	Output Capacity Ltr / Hr	Pack Size	Price / Piece
GLWS15SG	1.5	1	21300
GLWS25SG	2.5	1	33500
GLWS40SG	4	1	38600



Buy Now!

Spares for above Distillation unit

Cat No.	Output Capacity Ltr / Hr	Description	Pack Size	Price / Piece
GLWS-SH-15BCS	1.5	Boiling Chamber with Leveller	1	5870
GLWS-SH-25BCS	2.5	Boiling Chamber with Leveller	1	8200
GLWS-SH-40BCS	4	Boiling Chamber with Leveller	1	14000
GLWS-SH-15BCC	1.5	Coil Condenser	1	4620
GLWS-SH-25BCC	2.5	Coil Condenser	1	8190
GLWS-SH-40BCC	4	Coil Condenser	1	12495
GLSI-SH-HS15	1.5	Silica Sheathed (Quartz) Heater	1	5770
GLSI-SH-HS25	2.5	Silica Sheathed (Quartz) Heater	1	7680
GLSI-SH-HS40	4	Silica Sheathed (Quartz) Heater	1	9940

Double Stage Water Distillation all Glass Horizontal Model with inbuilt **safety cutoff**



Buy Now!



Cat No.	Output Capacity Ltr / Hr	Pack Size	Price / Piece
GLWS15DG	1.5	1	38300
GLWS25DG	2.5	1	70600
GLWS40DG	4	1	78500

Spares for above Distillation unit

Cat No.	Output Capacity Ltr / Hr	Description	Pack Size	Price / Piece
GLWS-SH-15BCS	1.5	Boiling Chamber with Leveller	1	5870
GLWS-SH-25BCS	2.5	Boiling Chamber with Leveller	1	8200
GLWS-SH-40BCS	4	Boiling Chamber with Leveller	1	14000
GLWS-SH-15BCC	1.5	Coil Condenser	1	4620
GLWS-SH-25BCC	2.5	Coil Condenser	1	8190
GLWS-SH-40BCC	4	Coil Condenser	1	12495
GLSI-SH-HS15	1.5	Silica Sheathed (Quartz) Heater	1	5770
GLSI-SH-HS25	2.5	Silica Sheathed (Quartz) Heater	1	7680
GLSI-SH-HS40	4	Silica Sheathed (Quartz) Heater	1	9940

Water Distillation

Single Stage, Water Distillation, Quartz Boiler/Borosilicate Condenser, Vertical Model **without safety cutoff**

Unit consist of :

- High purity quartz with inbuilt heater
- Bottom discharge joint for easy cleaning
- Spiral condenser is fitted on the boiler with receiving adapter
- Optional safety control unit provided

Conductivity	1. 0-1.5 uS/cm with Borosilicate Condenser 0.5-0.8 uS/cm with Quartz Condenser
Distilled Water Quality	Pyrogen Free
Distillate Temperature	50-60°C

* All Parameters are under standard test conditions

Advantages :

- Quartz can withstand very high temperature variation, thus it is thermal shock proof.
- Rust proof sturdy stand as base.

Key Features:

- Distillate is pyrogen free; also it is free of heavy metals.
- Low maintenance is required.
- Provides instant distilled water in less than one minute



Buy Now!

Cat No.	Output Capacity Ltr / Hr	Pack Size	Price / Piece
GLSD25BB	2.5	1	34700
GLSD50BB	5	1	65600
GLSD80BB	8	1	113300
GLSD100BB	10	1	148300

Spares for above Distillation unit

Cat No.	Output Capacity Ltr / Hr	Description	Pack Size	Price / Piece
GLSD-25-QBS	2.5	Quartz boiling chamber	1	24150
GLSD-50-QBS	5	Quartz boiling chamber	1	46600
GLSD-80-QBS	8	Quartz boiling chamber	1	79118
GLSD-100-QBS	10	Quartz boiling chamber	1	83318
GLSD-25-BCC	2.5	Borosilicate Coil Condenser	1	4704
GLSD-50-BCC	5	Borosilicate Coil Condenser	1	15372
GLSD-80-BCC	8	Borosilicate Coil Condenser	1	16800
GLSD-100-BCC	10	Borosilicate Coil Condenser	1	31736

Accessories for above Distillation unit

Cat No.	Output Capacity Ltr / Hr	Pack Size	Price / Piece
GLSI-SCU-1	2.5 & 5	Safety Cut-off Device	14280
GLSI-SCU-2	8 & 10	Safety Cut-off Device	25935

Single Stage, Water Distillation, Quartz boiler & Quartz condenser, vertical model **without safety cutoff**



Buy Now!



Cat No.	Output Capacity Ltr / Hr	Pack Size	Price / Piece
GLSD25AQ	2.5	1	59400
GLSD50AQ	5	1	112300
GLSD80AQ	8	1	171000

Spares for above models :

Cat No.	Output Capacity Ltr / Hr	Description	Pack Size	Price / Piece
GLSD-25-QBS	2.5	Quartz Boiler	1	24150
GLSD-50-QBS	5	Quartz Boiler	1	46600
GLSD-80-QBS	8	Quartz Boiler	1	79118
GLSD-25-QCC	2.5	Quartz Coil Condenser	1	24150
GLSD-50-QCC	5	Quartz Coil Condenser	1	55020
GLSD-80-QCC	8	Quartz Coil Condenser	1	93765

Accessories for above Distillation unit

Cat No.	Output Capacity Ltr / Hr	Pack Size	Price / Piece
GLSI-SCU-1	2.5 & 5	Safety Cut-off Device	14280
GLSI-SCU-2	8 & 10	Safety Cut-off Device	25935

Water Distillation



All Quartz, Double Stage, Water Distillation Unit, Vertical Model, including Safety cutoff

Unit has been designed keeping in view customer requirements and easy serviceability of the equipment.

Unit consists of :

- Lower boiler with inbuilt heater enclosed in a quartz boiler with a cup on top.
- Demountable upper boiler with built in quartz coil and condensing unit mounted on the boiler with the help of ball and socket joint
- Double walled condenser ensures separate condensation of vapours coming from the two boilers using a single cooling circuit
- Unit mounted on a specially designed metal stand and is also provided with automatic safety Control Unit.

Double Distillate Quality



Buy Now!

Parameters	Values
Specific Conductivity	0.1 us/cm
Biological Activity (distillate quality)	Pyrogen Free
Organic Matter	Nil
Total Solids	0.1 mg/ltr

* We recommend a Quartz Reservoir For storage of High purity water.

* All Parameters are under standard test conditions

Cat No.	Output Capacity Ltr / Hr	Pack Size	Price / Piece
GLDD15AQ	1.5	1	97850
GLDD25AQ	2.5	1	172000
GLDD40AQ	4	1	286250
GLDD50AQ	5	1	316000

Spares for above models :

Cat No. Size	Output Capacity Ltr / Hr	Description	Pack	Price / Piece
GLDD-15AQ-PB	1.5	Quartz Primary Boiler	1	24400
GLDD-25AQ-PB	2.5	Quartz Primary Boiler	1	30400
GLDD-40AQ-PB	4	Quartz Primary Boiler	1	47838
GLDD-50AQ-PB	5	Quartz Primary Boiler	1	48888
GLDD-15AQ-SC	1.5	Quartz Secondary Boiler	1	93200
GLDD-25AQ-SC	2.5	Quartz Secondary Boiler	1	132090
GLDD-40AQ-SC	4	Quartz Secondary Boiler	1	255675
GLDD-50AQ-SC	5	Quartz Secondary Boiler	1	261975
GLSI-SCU-15AQ	1.5	Safety Cut-off Device	1	15200
GLSI-SCU-25AQ	2.5	Safety Cut-off Device	1	15200
GLSI-SCU-40AQ	4	Safety Cut-off Device	1	26000
GLSI-SCU-50AQ	5	Safety Cut-off Device	1	26000

Advantages of Demountable Model :

- Easy cleaning of the first boiler since it can be dismantled from the assembly
- Ease of interchangeability as it is provided with ball & Socket joint
- Boiler and condenser have larger boiling space resulting in balanced boiling and improved quality of distillate Compact and easy to install
- Dual safety Power Cut-off System included in distillation unit price
- New Design of Safety Cut-off System with Dual Safety & Microprocessor Control
- New dual - safety cut off provides accurate values
- Microprocessor Controlled
- LCD Display
- Audible alarm for unsupervised operation

NOTE : ***pH electrodes will NOT give accurate pH values in distilled or de-ionized water. This is because distilled and de-ionized water do not have enough ions present for the electrode to function properly. The readings will drift and be essentially meaningless. In practice, however, most distilled water will have a pH that is slightly acidic (less than 7.0) due to the presence of carbon dioxide (CO₂) that is absorbed from the atmosphere. Dissolved carbon dioxide reacts slowly with water to give the bicarbonate and hydronium ions.

AUTOMATIC WATER DISTILLATION UNIT (CABINET STILL)



Key Features :

- Fully automatic water distillation equipment
- Can be used in research laboratories, hospitals etc
- Made from 3.3 exp borosilicate glass.
- Provides accurate values
- Microprocessor controlled
- LCD display
- Audible alarm for unsupervised operation
- Replaceable silica sheathed (Quartz) heater: fitted on horizontal jacket
- Distillate temperature is around 25 to 45°C ensured by an efficient condenser.
- Metal stand is painted for rust free operation and lustrous appearance.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Fuse is provided for safety in case of voltage fluctuation or short circuit.
- Boiler is provided with Teflon screw cork for easy draining and cleaning of boiling chamber.
- The front cover is easily removable making the access to the glass parts very easy.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.

Additional In-built Safety Features:

- Gate Valve: Conserves cooling water wastage in case of power failure.
- Flow Switch: Additional in-built safety feature for the equipment unit shut off in case of cooling water failure.
- Temperature switch: The boiler is equipped with a safety temperature switch which shuts off the unit if water level in the boiler falls below the heater, thus saving the glass parts from any damages.
- Level Sensor: It shuts off the distillation equipment if the water level in the boiler falls below the heater.
- Reservoir Level Sensor: this helps in automatic working of the water distillation equipment. Depending on the water level in the reservoir it will automatically switch On/Off the equipment, thus saving energy. (Reservoir can also be provided with a storage capacity of 5 ltr, 10 ltr & 20 ltr made of Borosilicate Glass or polypropylene)



Buy Now!

Single stage, automatic water distillation unit, cabinet still

Cat No.	Output Capacity Ltr / Hr	Stage	Pack Size	Price / Piece
GLCM20S	2	Single	1	62100
GLCM40S	4	Single	1	74150
GLCM20D	2	Double	1	96300
GLCM40D	4	Double	1	124400

Spares for above Distillation unit

Cat No.	Output Capacity Ltr / Hr	Description	Pack Size	Price / Piece
GLCM-20BCS	2	Boiling Chamber with Leveller for GLCM-20S & GLCM-20D	1	10290
GLCM-40BCS	4	Boiling Chamber with Leveller for GLCM-40S & GLCM-40D	1	17010
GLCM-20BCC	2	Coil Condenser for GLCM-20S & GLCM-20D	1	10290
GLCM-40BCC	4	Coil Condenser for GLCM-40S & GLCM-40D	1	17010

Accessories for above Distillation unit

Cat No.	Output Capacity Ltr / Hr	Description	Pack Size	Price / Piece
GLSI-SH-HS	2	Silica Sheathed (Quartz) Heater for GLCM-20S, GLCM-40S, GLCM-20D & GLCM-40D	1	7140

WATER SOFTENER

Prominent feature :

- Softens the hard water and provides good quality water for use in laboratories.
- Remove all the calcium and magnesium ions in hard water and the soft water thus obtained liquid has hardness less than 5 ppm as CaCO_3 .
- Specially designed for easy serviceability and recharging the resin with sodium chloride solution.
- Softened water can be used as feed water to the Distillation Units.
- Use of hard water in boilers, would leave the boiler with a lot of scaling and sedimentation, hence to improve the quality of the distillate and for longer life of the glass/quartz boilers, it is recommended to use softened water.

Cat No.	Description	Pack Size	Price Per Piece
GI000200	Water Softener	1	21200



Buy Now!



Technical Data : Plasticware

PHYSICAL PROPERTIES

Resin	Max use Temp °C	Bittleness Temp °C	Transparency	Sterilization						Flexi-bility	Water Absorption %
				Auto-claving	Gas	Dry Heat	Radi-ation	Disin-fection	Specific Gravity		
HDPE	120	-100	Translucent	No	Yes	No	Yes	Yes	0.95	Rigid	20.01
LDPE	80	-100	Translucent	No	Yes	No	Yes	Yes	0.92	Excel	<0.01
PC	135	-135	Clear	Yes+	Yes	No	No	Yes	1.20	Rigid	0.35
PP	135	0	Translucent	Yes	Yes	No	No	Yes	0.90	Rigid	<0.02
PS	90	20	Clear	No	Yes	No	Yes	Some	1.05	Rigid	0.05

Sterilization

- Autoclaving (121°C, 15 psig for 20 minutes) Clean and rinse item with distilled water before autoclaving. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.
- ALWAYS COMPLETELY DISENGAGE THREADS BEFORE AUTOCLAVING.
- Gas - Ethylene oxide formaldehyde.
- Dry heat - 160°C for 120 minutes.
- Disinfectant - Benzalkonium chloride, formalin, ethanol etc.
- Radiation - gamma irradiated at 2.5 Mard with unstablized plastic. Sterilizing reduces mechanical strength. Do not use PC vessels for vaccum application if they have been Autoclaved.

CHEMICAL RESISTANCE

CLASSES OF SUBSTANCES AT ROOM TEMPERATURE	HDPE	LDPE	PC	PP	PS
ACIDS, DILUTE OR WEAK	●	●	●	●	●
ACIDS, STRONG AND CONCENTRATED	●	●	●	●	●
ALCOHOLS, ALIPHATIC	●	●	●	●	●
ALDEHYDES	●	●	●	●	●
BASES	●	●	●	●	●
ESTERS	●	●	●	●	●
HYDROCARBONS, ALIPHATIC	●	●	●	●	●
HYDROCARBONS, AROMATIC	●	●	●	●	●
HYDROCARBONS, HALOGENATED	●	●	●	●	●
KETONES	●	●	●	●	●
OXIDIZING AGENTS, STRONG	●	●	●	●	●

- 30 days of constant exposure cause no damage. Plastic may even tolerate for years.
- Little or no damage after 30 days of constant exposure to the reagents.
- Some effect after 7 days of constant exposure to the reagent like crazing, cracking, loses of strength or discolouration.
- Not recommended for continuous use. Immediate damage may occur.

ABBREVIATIONS

PP	Polypropylene	PS	Polystyrene
PC	Polycarbonate	ABS	Acrylo Nitrile Butadiene Styrene
HDPE	High Density Polyethylene	PTFE	Poly Tetra Flouro Ethylene
LDPE	Low Density Polyethylene	PMMA	Poly Methyl Methacrylate
		TPX	Poly Methyl Pentene

Technical Data : Metalware

MILD STEEL

Each of these standard samples has been analyzed by Chemists in United Kingdom and other countries representing the following interests associated with the Iron and Steel Industries.

The standards have been prepared under rigorous laboratory conditions, and are issued by the organizers under the auspices of the above body of co-workers.

Description	Special Features	ANALYSIS										
		Combined C	Silicon	Sulphur	Phosphorus	Manganese	Arsenic	Nickel	Chromium	Copper	Oxygen	Iron
Ordinary Carbon Steels*	Complete Analysis and pure iron std.	%	%	%	%	%	%	%	%	%	%	%
"A"	for $K_2Cr_2O_7$ v.s. ...	0.037	0.034	0.020	0.008	0.043	0.031	0.059	0.013	0.067	0.04	99.64
"C"	C Standard only	0.091	-----	0.02a	0.02a	0.50a	-----	-----	-----	-----	-----	-----
"E"	C and Mn Standard	0.114	-----	0.02a	0.02a	0.492	-----	-----	-----	-----	-----	-----
"N"	Complete Analysis ...	0.153	0.176	0.050	0.036	0.527	0.03	0.26	-----	0.04	-----	-----
"P"	High S and P Standard	0.205	0.06a	0.073	0.105	0.706	0.03a	-----	-----	-----	-----	-----
"M"	C and Si standard ...	0.228	0.057	0.05a	0.03a	0.6a	0.03a	-----	-----	-----	-----	-----
"O"	Complete Analysis ...	0.333	0.162	0.032	0.031	0.617	0.024	0.162	0.017a	0.037a	-----	-----
"H"	C, S and P Standard	0.428	0.15a	0.047	0.035	0.76a	-----	-----	-----	-----	-----	-----
"I"	C and Mn Standard	0.521	0.15a	0.04a	0.02a	0.726	-----	-----	-----	-----	-----	-----
"R"	C, S and Mn Standard	0.786	0.22a	0.053	0.06a	0.914	0.03a	-----	-----	0.02a	-----	-----
"S"	C and P Standard	0.921	0.07a	0.04a	0.051	0.6a	-----	-----	-----	-----	-----	-----
"U"	C, Mn and Ni Standard	1.203	0.17a	0.04a	0.05a	0.472	-----	0.608	trace	0.05a	-----	-----
Nickel Steels												
"T"	Ni Standard only ...	0.3a	-----	-----	-----	-----	-----	3.367	-----	-----	-----	-----
"O"	Ni, C and Mn Standard	0.325	-----	-----	-----	0.590	-----	3.985	-----	-----	-----	-----
Alloy Steels												
"V"	Cr-V Steel, Complete Analysis ...	0.548	0.161	0.063	0.024	0.542	0.016a	-----	0.861	0.273	-----	-----
"W"	Cr-V-W-Co Steel, Complete Analysis	0.695	0.187	0.075	0.028	0.101	-----	0.44	3.01	0.791	4.67	16.21
Cast Iron												
Hematite "A"	Complete Analysis	0.734	1.989	0.047	0.049	0.688	0.042	-----	0.052	3.121	2.387	-----
Hematite "B"	Low Phosphorus - Titaniferous ...	0.039	2.2a	0.031	0.026	0.6a	0.031	-----	0.108	3.06b	2.67b	-----
Basic "D"	P Standard only ...	3.0a	-----	-----	1.19	0.8a	-----	-----	-----	3.0a	-----	-----
Slag												
Basic Slag "A"	P_2O_5 and part Complete Analysis	-----	-----	-----	P_2O_5	SiO_2	CaO	MgO	Fe	Mn	Al_2O_3	V
Ore		Fe	P	CaO	MgO	Alk's	Al_2O_3	TiO_2	SiO_2	S	CdH_2O	CO_2
Iron Ore "A"	Complete Analysis ...	58.20	0.056	2.05	1.22	0.33	1.83	0.116	8.13	0.063	1.56	1.41
Mang. Ore "A"	Mn, O, SiO_2 , P, Fe ...	1.3	0.222	51.3	14.3	-----	-----	-----	6.49	-----	-----	-----
Non-Ferrous		Pb.	Sb.	Sn.	Cu.	Fe.	Bi.	As.	Zn.	-----	-----	-----
White Met. "A"	Complete Analysis ...	82.6	12.04	4.64	0.33	0.06	0.03	0.06	0.08	-----	-----	-----

(a) Approx — not a standardized figure, (b) Standardized at Organizing Headquarters only.

* In the preparation of the ordinary carbon steels special attention has been given to making them suitable as standard for the determination of carbon by colour.

STAINLESS STEEL

Grade 316 is the standard molybdenum-bearing grade, second in importance to 304 amongst the austenitic stainless steels. The molybdenum gives 316 better overall corrosion resistant properties than Grade 304, particularly higher resistance to pitting and crevice corrosion in chloride environments. It has excellent forming and welding characteristics. It is readily brake or roll formed into a variety of parts for applications in the industrial, architectural, and transportation fields. Grade 316 also has outstanding welding characteristics. Post-weld annealing is not required when welding thin sections.

Grade 316L, the low carbon version of 316 and is immune from sensitisation (grain boundary carbide precipitation). Thus it is extensively used in heavy gauge welded components (over about 6mm). Grade 316H, with its higher carbon content has application at elevated temperatures, as does stabilised grade 316Ti.

The austenitic structure also gives these grades excellent toughness, even down to cryogenic temperatures.

Key Properties

These properties are specified for flat rolled product (plate, sheet and coil) in ASTM A240/A240M. Similar but not necessarily identical properties are specified for other products such as pipe and bar in their respective specifications.

Table 1. Composition ranges for 316 grade of stainless steels.

Grade	C	Mn	Si	P	S	Cr	Mo	Ni	N
316	Min	-	-	0	-	16.0	2.00	10.0	-
	Max	0.08	2.0	0.045	0.03	18.0	3.00	14.0	0.10
316L	Min	-	-	-	-	16.0	2.00	10.0	-
	Max	0.03	2.0	0.045	0.03	18.0	3.00	14.0	0.10
316H	Min	0.04	0.04	0	-	16.0	2.00	10.0	-
	Max	0.10	0.10	0.045	0.03	18.0	3.00	14.0	-

TYPICAL CHEMICAL PROPERTIES OF STAINLESS STEEL						
Chemical Composition (Max. unless otherwise noted)						
	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Nickel
304 (Austenitic)	0.08	2.00	0.045	0.03	1.00	18.00 -20.00 8.00 -10.50

Technical Data : Metalware

ALUMINIUM

Weight: With a density of 2.7 g/cm³, Aluminium is approximately one third as dense as steel.

Strength: Aluminium alloys commonly have tensile strengths of between 70 and 700 Mpa. The range for alloys used in extrusion is 150-300 Mpa.

Unlike most steel grades, aluminium does not become brittle at low temperatures. Instead, its strength increases. At high temperatures, aluminium's strength decreases. At temperatures continuously above 100°C, strength is affected to the extent that the weakening must be taken into account.

CAST IRON

Cast iron is made by remelting pig iron, often along with substantial quantities of scrap iron and scrap steel, and taking various steps to remove undesirable contaminants such as phosphorus and sulfur. Depending on the application, carbon and silicon content are reduced to the desired levels, which may be anywhere from 2% to 3.5% and 1% to 3% respectively. Other elements are then added to the melt before the final form is produced by casting.

Comparative qualities of cast irons

Name	Nominal composition [% by weight]	Form and condition	Yield strength [ksi (0.2% offset)]	Tensile strength [ksi]	Elongation [% (in 2 inches)]	Hardness [Brinell scale]
Cast grey iron (ASTM A48)	C 3.4, Si 1.8, Mn 0.5	Cast	-----	25	0.5	180
White	C 3.4, Si 0.7, Mn 0.6	Cast (as cast)	-----	25	0	450
Malleable iron (ASTM A47)	C 2.5, Si 1.0, Mn 0.55	Cast (annealed)	33	52	12	130
Ductile or nodular iron	C 3.4, P 0.1, Mn 0.4, Ni 1.0, Mg 0.06	Cast	53	70	18	170
Ductile or nodular iron (ASTM A339)	-----	Cast (quench tempered)	108	135	5	310
Ni-hard type 2	C 2.7, Si 0.6, Mn 0.5, Ni 4.5, Cr 2.0	Sand-cast	-----	55		550
Ni-resist type 2	C 3.0, Si 2.0, Mn 1.0, Ni 20.0, Cr 2.5	Cast	-----	27	2	140

BRASS

Brass is any alloy of copper and zinc; the proportions of zinc and copper can be varied to create a range of brasses, each of which has unique properties. In comparison bronze is principally an alloy of copper and tin. Despite this distinction, some type of brasses are called bronzes. Brass is a substitutional alloy. It is mainly used for making laboratory metalware like retort stands, retort clamps etc

Properties: Brass has higher malleability than copper or zinc. The relatively low melting point (900-940°C depending on composition) of brass and its flow characteristics make it a relatively easy material to cast. By varying the proportions of copper and zinc, the properties of the brass can be changed, allowing hard and soft brasses.

Today almost 90% of all brass alloys are recycled, Brass scrap is collected and transported to the foundry where it is melted and recast into billets. Billets are later heated up and extruded into the right form and size.

Brass Types: Common brass, or rivet brass, is 37% zinc brass, cheap and standard for cold working.

Technical Data : Rubberware

SILICON RUBBER TUBING

Suitable for Laboratory, Pharmaceutical and Industrial use. It has specific advantages over other types such as latex, usual synthetic rubber and plastic tubing.

1. Silicon Rubber Tubing is suitable for use over a temperature range of -50°C to 250°C hence useful for transfer of hot liquids.
2. It can be sterilized by steam (autoclave) or by hot air. This finds applications for use under aseptic conditions.
3. The tubing is odourless. It does not impart any smell or taste to liquid passing through it. It is suitable for transfer of pharmaceutical liquids, beverages and other food preparations.
4. The Silicon Rubber used for making tubing is of superior grade. Tubing is not irritant to skin.
5. The tubing is highly elastic and hence suitable for use with peristaltic pump.
6. Silicon Rubber is attacked by strong acids, strong alkalis, oils, bromine, carbon tetrachloride and toluene. The tubing is not recommended for use with these materials.

Silicon Rubber tubing is Transparent to Translucent.

NATURAL RUBBER TUBING

made from Rubber Trees

Shore hardness : 45

Density : 1.13

Temperature range : -30°C to 110°C light

It is resistant to dilute acid, alkalis, ammonia etc. Rubber Tubing light, flexible. For transferring gasses.

LOW EXPANSION BOROSILICATE GLASS

Form the 16th Century to, today, chemical research teams have used glass containers for a very basic reason the glass containers is transparent, almost invisible. And so the contents and the reaction are clearly visible, But because chemists must heat, cool and mix chemical substances, ordinary glass is not always adequate for laboratory works.

Laboratory works requires apparatus made in a glass - which can readily be moulded into any desired shape or from, which offers maximum inertness when in contact with the widest range of chemical substances, which can withstand thermal shock with fracture and high temperature work without deforming, and which will be resilient enough to survive the everyday knocks to which it will be subjected in normal laboratory handling, washing and sterilizing processes.

Chemical Composition

Glassco Glassware is a low alkali borosilicate composition. Its typical chemical composition is given under. It is virtually free of magnesia-lime-Zinc group and contains only traces of heavy metals.

PERCENTAGE BY WEIGHT	
SiO ₂	81%
B ₂ O ₃	13%
Na ₂ O	4%

Thermal Properties

As the Coefficient of thermal expansion of Borosilicate glass is low, the thermal stresses under a given

temperature gradient are consequently low and the glass can withstand higher temperature gradients and also sudden temperature changes/thermal shocks. Minute scratching of glass surface can however reduce its thermal resistance.

In general the 'Strain Point' should be regarded as the maximum safe operating temperature of Glassco glassware. When heated above 500°C the glass may acquire permanent stresses on cooling. All Glassco labware is annealed in modern ovens under strictly controlled conditions to ensure minimal residual stress in the products.

Coefficient of Linear Expansion	32.5x10 ⁻⁷ /°C
Strains Point	515°C
Annealing Point	565°C
Softening Point	820°C
Specific Heat	0.2
Thermal Conductivity (Cal/cm ³ /°C/Sec)	0.0027

Chemical Durability

Glassco Glassware in highly resistance to water, neutral and acid solutions, concentrated acids and their mixtures as well as to chloride, bromine, iodine, and organic matters. Even during extended period of reaction and at temperatures above 100°C, its chemical resistance exceeds that of most metals and other materials. It can withstand repeated dry and wet sterilisation without surface deterioration and subsequent contamination. Resistance to attack of various chemicals is shown under. Only hydrofluoric acid, very hot phosphoric acid and alkaline solutions increasingly attack the glass surface with rising concentration and temperature.

Fabrication with Borosilicate Glass

Due to low expansion of glass and easy workability, this glass can be shaped, formed, joined into complicated apparatus. It can be done even by an analyst in his own laboratory. He can keep on changing till he gets what he needs. In case where annealing in a controlled oven is difficult he can do so by flame annealing which is also great advantage.

Optical Properties

Laboratory glassware made from Borosilicate Glass shows no noticeable absorption in the visible region of the spectrum. It appear consequently clear and colourless.

CONTACT CHEMICAL	DURATION IN HOUR	LOSS IN WT. MG/M ²
Water distilled at 100°C	6	10
Water Vapour Steam at 121°C	1	75
Acid HCl	6	100
80% H ₂ SO ₄ at 130°C	12	140
Alkali- 1N soln. of Na ₂ CO ₃ boiling	6	4000
Infusion Fluids Isotonic		
NaCl (0.85%) 121°C	2.5	70
Glucose (5%) 121°C	2.5	50

When treated with proper care Glassco laboratory apparatus will give a long and satisfactory service. The following prepared notes are to assist users in obtaining the maximum life and performance from their apparatus. Our sales department will be happy to advise on any aspect concerning the safe use of our products.

Care & Maintenance

HEATING AND COOLING

Glass may suffer damage in three ways :

- It may break under thermal stress in the steady state, that is when there is established constant thermal gradient through the glass.
- It may break under the transient stress of a 'thermal shock', that is sudden heating or cooling.
- It may, if heated beyond certain temperature, acquire a permanent stress on cooling which could cause subsequent failure.

The following precautionary measures will assist in avoiding failures during heating and cooling procedures.

01. Never leave vessel unattended when evaporation work is being carried out. The vessel may crack or explode as dryness condition is approached if the heat source is not adjusted correctly. Lower the temperature gradually as the liquid level drops.
02. Always use caution when removing glassware from a heat source and avoid placing on a cold or damp surface. Although the ware can withstand extreme temperatures, sudden temperature changes may cause the vessel to break.
03. Always cool vessels slowly to prevent thermal breakage.
04. Never apply heat to badly scratched or etched vessel as the thermal strength will have been greatly reduced.
05. Never apply point source heating to a vessel as this will greatly increase the chance of breakage.
06. Always diffuse the heat source by using a metal gauze or air/water bath. Alternatively ensure even heating of the vessel by slow movement of the vessel in relation to the heat source.
07. Adjust Bunsen burner to get a large soft flame. It will heat slowly but also more uniformly. Uniform heat is critical factor for some chemical reactions.
08. Ensure that the flame contacts the vessel below the liquid level. Heating above that level will invite breakage of the vessels.
09. Always use anti-bumping devices in the vessel, such as powered pumice or glass wool rapid heating of the vessel and contents is required.
10. Never use material with sharp edges such as broken porcelain as an anti-bumping device. This will cause internal abrasions and reduce the mechanical and thermal strength of the vessel.
11. Thick walled glassware should not be subjected to direct flame or other localised heat source. Vessels of this type are best heated with the use of an electric immersion heater.
12. Avoid heating glassware over electric heaters with open elements. Uneven heat of this type can include localised stress and increase the chance of breakage.
13. Remember that the hot plate will retain heat long after the appliance has been switched off.
14. Always ensure that the surface of the hot plate is larger in area than the base of the vessel being heated. An under-sized plate of the job in hand will invite uneven heating and promote breakage of glassware.
15. Always ensure that manufacturer's instructions are followed when electrical heat sources.

Mixing and Stirring

01. Always use a policeman's or similar device on stirring rods to prevent scratching the inside of a vessel.
02. When using a glass vessel with a magnetic stirrer always use a covered follower to prevent abrading the inside of the vessel.
03. When using glass or metal mechanical stirrer in a glass vessel always predetermine the height of the stirrer before use to ensure there is no contact between the stirrer blade and the bottom or sides of the vessel.
04. Never mix sulphuric acid and water inside a glass measuring cylinder. The heat of reaction can break the base of the cylinder.

Vacuum and Pressure

01. Never use a glassware beyond the recommended safe limit.
02. Always use a safety screen when working with glassware subjected to pressure or vacuum.
03. Never subject glassware to sudden pressure changes. Always apply and release positive and negative pressures gradually.

Care & Maintenance

Joining and Separating glass apparatus

01. When storing glass stopcocks and joints, insert a thin strip of paper between joint surfaces to prevent sticking.
02. Never store stopcocks for long periods with lubricant still on the ground surfaces.
03. Glass stopcocks on Burettes and Separation Funnels should be lubricated frequently to prevent sticking.
04. If a ground joint sticks, separation can generally be achieved by carefully recking the cone in the socket, or gently tapping of the socket flange on a wooden surface, or by heating the socket and not the cone in a localised flame. The use of penetrating oil will often prove useful in aiding separation.
05. In using lubricants it is advisable to apply light coat of grease completely around the upper part of the joint. Use only a small amount and avoid greasing that part of the joint which contacts the inner part of apparatus.
06. Three type of lubricants are commonly use on standard taper joints
 - (A) Hydrocarbon grease is the most widely used. It can be easily remove by most laboratory solvents, including acetone.
 - (B) Because hydrocarbon grease is so easily removable, silicon grease is often preferred for higher temperature or high vacuum applications. It can be removed readily with chloroform.
 - (C) For long term reflux or extraction reactions, a water soluble, organic and insoluble grease, such as glycerin, is suitable. Water will clean glycerin. There are other type of greases which can be used specifically when certain reagents are used in the Burettes or Separating Funnels.
07. The use of water, oil or glycerol is recommended on both tubing and rubber bung when inserting glass tubing into a bung. Always wear heavy protective gloves or similar protection when carrying out this operation.
08. Always fire polish rough ends of glass tubing before attempting to insert into flexible tubing. The lubricants recommended above may also prove useful.
09. Never attempt to pull a thermometer out of a rubber bung. Always cut the bung away.

PERSONAL SAFETY

01. Use tongs to asbestos gloves to remove all glassware from heat. Hot glass can cause severs burns.
02. Protective gloves, safety shoes, aprons, and goggles should be worn as safety chemical accidents, spilling or splattering.
03. Always flush the outside of acid bottle with water before opening. Do not put the stopper on the counter top where someone else may come in contact with acid residue.
04. Special care is needed when dealing with mercury. Even a small amount of mercury in the bottom of a drawer can poison the room atmosphere. Mercury toxicity is cumulative and the element's ability to amalgamate with a number of metals is well known. After an accident involving mercury, the area should be cleaned carefully until there are no globules remaining. All mercury containers should be kept well-stoppered.
05. Never drink from a beaker. A beaker left specifically for drinking is a menace to the laboratory. Do not taste chemicals for identification. Smell chemicals only when necessary and by waiting a small amount of vapour towards the nose.
06. Avoid pipeting by mouth, particularly when using concentrated acids, alkalis or potentially biohazardous materials. Use mechanical means such as a rubber bulb or an automatic dispenser.
07. Never fill receptacle with material other than that called for by the label. Label all containers before filling. Throw away contents of unlabelled containers.
08. To avoid breakage when clamping glassware, do not permit glass-to-metal contact and do not use excessive force to tighten the clamps.
09. Do not look down into a test tube being heated or containing chemicals and do not point its open end at another person. A reaction might cause the contents to be ejected, resulting in injury.
10. Spattering from acids, caustic materials and strong oxidizing solutions on the skin or clothing should be washed off immediately with large quantities of water.

Care & Maintenance

11. When working with chlorine, hydrogen sulphide, carbon monoxide, hydrogen cyanide and other very toxic substances, always use a protective mask or perform these experiments under a fume hood on a well ventilated area.
12. In working with volatile materials, remember that heat causes expansion and confinement of expansion results in explosion. Remember also that danger exists even though external heat is not applied.
13. Perchloric acid is especially dangerous because it explodes on contact with organic materials. Do not use perchloric acid around wooden benches or tables. Keep perchloric acid, wear protective clothing.
14. When using hot plates and other electrical equipments, ensure the wire and plugs are in good condition. Never handle electrical connection with damp hand.

CLEANING

Successful experimental results can only be achieved by using a clean apparatus. In all instances laboratory glassware must be physically clean, in nearly all cases it must be chemically clean and in specific cases it must be bacteriologically clean or sterile. There must be no trace of grease and the safest criteria of cleanliness is the uniform wetting of the glass surface by distilled water-this being of the utmost importance for glassware used for volumetric methods. Any prevention of uniform wetting of the surface will introduce errors such as distortion of the meniscus and accuracy of volume.



GENERAL CLEANING

01. Cleaning of glassware which has contained hazardous materials must be solely undertaken by experienced personal.
02. Most new glassware is slightly alkaline in reaction. For precision chemical tests, new glassware should be soaked several hours in acid water (1% solution hydrochloric acid or nitric acid) before washing.
03. Glassware which is contaminated with blood clots, culture media, etc. must be sterilized before cleaning.
04. If glassware become induly clouded or dirty or contains coagulated organic matter, it must be cleaned with chromic acid cleaning solution. The dichromates should be handle with extreme care because it is a powerful corrosive
05. Wash glassware as quickly as possible after use but if delays are unavoidable, the articles should be allowed to soak in water.
06. Grease is removed by weak sodium carbonate solution or acetone or fat solvents. Never use strong alkalis.
07. Hot water with recommended detergents should be used and if glass is exceptionally dirty a cleaning power with a mild abrasive action can be applied, provided the surface is not scratched.
08. During washing all parts of the article should be thoroughly scrubbed with a brush selected for the shape and size of the glassware. Brushes should always be in good condition to avoid any abrasion of glassware.
09. When chromic acid solution is used, the item may be rinsed with the cleaning solution or it may be filled and allowed to stand. The amount of time should depend on amount of contamination on the glassware.
10. Special type of precipitate material may required removal with nitric acid, aqua regia or fuming sulphuric acid. These are very corrosive substances and should be used only when required.

Care & Maintenance

11. It is imperative that all soap detergents and other cleaning fluids be removed from glassware before use. This is especially important with the detergents, slight traces of which will interfere with serologic and culture reactions. After cleaning, thoroughly rinse with tap water ensuring that containers are partly filled with water, shaken and emptied several times. Finally rinse with deionised or distilled water.
12. Drying can be undertaken either in baskets or on pages in air or at a temperature not exceeding 120°C.
13. Always protect clean glassware from dust by use of temporary closures or by placing in a dust free cabinet. For cleaning specific type of glassware, please refer the following pages.

Cleaning Specific Types of Glassware Pipettes

Place pipettes tips down, in a cylinder or tall jar of water immediately after use. Do not drop them into the jar, since this may break or chip the tips and render the pipettes useless for accurate measurements. A pad of cotton or glass wool at the bottom of the jar will help to prevent breaking of the tips. Be certain that the water level is high enough to immerse the greater portion or all of each pipette. At a convenient time, the pipettes may then be drained and placed in a cylinder or jar of dissolved detergent or, if exceptionally dirty, in a jar of chromic acid cleaning solution. After soaking for several hours, or overnight, drain the pipettes and run tap water over and through them until all traces of dirt are removed. Soak the pipettes in distilled water for at least one hour. Remove from the distilled water, dry the outside with a cloth, shake out the water and dry.

Burettes (with glass stopcock)

01. Remove the stopcock key and wash the burette with detergent and water.
02. Rinse with tap water until all the dirt is removed. Then rinse with distilled water and dry.
03. Wash the stopcock key separately. Before the stopcock key is replaced in the burette's stopcock key are not interchangeable
04. Always cover burettes when not in use.

Culture Tubes

01. Culture tubes which have been used previously must be sterilized before cleaning. The best general method for sterilising culture tubes is by autoclaving for 30 minutes at 121°C (15lb. pressure). Media which solidify on cooling should be poured out while the tubes are emptied, brush with detergent and water, rinse thoroughly with tap water, rinse with distilled water, place in a basket and dry.
02. If tubes are to be filled with a medium which is sterilized by autoclaving, do not plug until the medium is added. Both medium & tubes are thus sterilized with one autoclave.
03. If the tubes are to be filled with a sterile medium or if they are to be sterilized by the fractional method then sterilize the tubes in the autoclave or dry air sterilizer before adding the medium..

Serological Tube

01. Serological Tubes should be chemically clean but need not be sterile. However, specimens of blood which are to be kept for some time at room temperature should be collected in a sterile container. It may be expedient to sterilize all tubes as routine.
02. To clean and sterilize tubes containing blood, discard the clots in a waste container and place the tubes in a large basket. Put the basket, with others, in a large bucket or boiler. Cover with water, add a fair quantity of soap or detergent and boil for 30 minutes. Rinse the tubes and clean with brush, rinse and dry with the usual precautions.
03. It is imperative when washing serological glassware that all acid, alkali and detergent be completely removed, Both acid and alkali in small amounts destroy complement and in large amounts produce hemolysis. Detergents interfere with serologic reactions.
04. Serological tubes and glassware should be kept separate from all other glassware and used for nothing except serologic procedures.

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TERMS & CONDITIONS

The following terms and conditions of sale and payment shall apply to all goods supplied by us unless specifically accepted by us in writing. Acceptance of goods supplied constitutes acceptance of these terms:

- Prices are in Indian Rupees. The Authorised Dealers are at liberty to charge lower than that stipulated here. These prices are exclusive of any delivery charges, octroi and other non-statutory levies.
- Prices are exclusive of GST which shall be extra as applicable on the date of Invoice.
- Prices are subject to change without notice. Prices applicable on the date of supply shall be valid.
- Invoices are to be paid immediately or as per the agreed credit terms.
- The price contains the standard quantities per pack for each item. It is desirable that orders are placed in multiples thereof.
- Every effort shall be made to maintain quoted delivery dates. However, due to the risks and nature of working with the glass, these dates are not in any way binding. Our contractual obligation to our customers is subject to correct and prompt deliveries from our suppliers.
- No goods should be returned to us without our prior approval.
- All information contained in this pricelist-cum-catalogue cannot be reproduced without our written consent.
- All legal relationship formed as a result of sales would be in accordance with the Indian Laws and Ambala Cantt shall be the place of jurisdiction for all parties and for all matters. If GLASSCO appears as a plaintiff, it will also be entitled to start legal proceedings at any such city / town where the customers are located

Additional Terms applicable to supply of Instruments only

- Warranty : The instruments supplied shall carry warranty of one year from the date of invoice to the original purchaser against faulty workmanship and defect. Any part going defective will be replaced/ repaired free of cost. Few items like fuses, lamps, bulbs, heaters, etc. are not covered under warranty. Again damage resulting due to accident/misuse is not covered under warranty. Warranty conditions for different instruments may vary.
- Freight Cost will be additional to the quoted price.
- IQ/PQ/OQ certifications will be charge extra as per instrument category.
- Installation : All the instruments covered in this price list can be installed by the user with the help of instruction manual supplied with the equipment. In case Company's technical representative has to undertake the installation, charges will be extra and shall be quoted on case-to-case basis.
- Delivery : Will be effected Ex-Ambala Cantt within 4-6 weeks from the date of receipt of the order complete in all respect. Exact delivery period will be intimated in the order acknowledgement. For specially manufactured items, delivery period will be more than 6 weeks.
- During warranty period replacement of mechanical & electrical components if any will be done free of cost. However, component replacement if any, cause of wear and tear like rubber components, flexible hose, breakable glass components and consumables like membrane, crucible etc will not be covered under warranty.
- The warranty does not include damage created in the instrument/electronic/ heaters due to very high voltage spikes, lighting, surge voltage, etc which is out of scope of our control. Warranty does not cover damages created due to natural calamities like fire, flood etc.