



Manufacturers of Laboratory Glassware
and Laboratory Equipment

BOROSIL®

enabling the future of science

PROUDLY MADE IN 
india

PRICELIST 2022-23

Effective from 1st February 2022



BOROSIL®
enabling the future of science

**BOROSIL
KLASSPACK®**
pharmaceutical packaging

**LABQUEST
BY BOROSIL®**

BOROSIL®
TECHNOLOGIES

 **BOROSIL®**
Love For Science

MISSION & VISION

Our mission is to emerge as a preferred vendor for laboratory glassware in the domestic as well as international markets. We would also develop a complimentary range of laboratory consumables in our product portfolio.

While in this wonderful journey we want to enhance our marketing capabilities, continuously improve our quality and services, invest in our people, yield profits for our stake holders and be socially responsible.

Message from the Managing Director's Desk



Dear Customer,

Having overcome one of the most difficult periods in all our lives in recent times, the world is looking forward to new innovations that can improve the quality of our lives going forward. In addition to the significant personal and economic losses brought about by the pandemic, the disruption of the global supply chain and significant delays and increase in costs have also been a result of Covid 19.

In order to help customers with both the above challenges, our theme for 2022-23 is 'Innovation' and 'Being Vocal for Local'.

At Borosil we are committed to innovation that provides our scientific community with tools & technologies that will make their lives easier. These come in shape of new product developments that increase throughput and accuracy in your laboratory. To this end, we have developed new instruments under the 'LabQuest' brand as well as improved concepts of glassware.

In Lab Essentials, we've revamped the entire water bath portfolio based on inputs from users. Borosil water baths now come with an incredible temperature control of ± 0.1 with capacities up to 60 litres. The micropipette range now includes the mid segment C2 series. Users can now choose from the economical C3 range right up to the reference C1 series.

Our nitrogen estimation systems have gained wide acceptance. Across labs customers are switching from traditional setup's to customized solutions. From single position units to touch screen enabled fully automated units with auto sample loaders, the portfolio has become a more than a worthy alternative to pricey imports and is today a product of choice for many customers.

Keeping in line with our tryst for innovation and value addition, the Lab Glassware now includes a range of LIMS compatible QR code on the glassware. We believe that the future is QR coded glassware which will transform your laboratory into a smart and digitized lab.

In addition, we are also very happy to announce our partnership with Hahnemühle Fine Art Germany, the pioneers of filter papers since 1883. Through this partnership, we will endeavor to bring the highest quality of filter papers, including glass fiber filters, to the Indian market.

From the point of view of 'Being Vocal for Local', we are incredibly proud to announce a new capex of more than Rs 100 crores for manufacturing 3.3 expansion borosilicate tubing in India. Complete with platinum feeders for the highest quality, we expect this project to protect our supply chain for the decades ahead as well as keeping India on the map as a major source of specialty glassware for the pharmaceutical industry.

Finally, we have also launched a revamped website borosillab.com, a platform to enhance your experience with Borosil.

Yours truly,

Shreevar Kheruka
Managing Director

BOROSIL[®]

Quality Policy

"We, at Borosil Limited, are committed to understanding our customers' needs and fulfilling the same on time every time.

By bringing the voice of our customers inside the organization, we strive to be our customers' #1 preferred brand.

We are committed to achieving the highest level of customers satisfaction through improvements in quality of our products & services.

We believe in continual improvements and innovation in our business and manufacturing processes. We strive to ensure that our team achieves the highest quality output in the most efficient manner possible.

This will be achieved by our total commitment to:

- Communication with our customers to understand their needs
- Continuously updating our technical competence, system and processes
- Enhancing the expertise of our people by periodic training & reviews.
- Preserving our corporate values"

This policy will be available to all interested parties where appropriate



Shreevar Kheruka
Managing Director

Date : 01.05.2018

ISO Certification

Certified for ISO 9001:2015 quality management system to ensure that our products are reliable, safe, consistent, meet customer expectations, continuously improve and comply with the law



ISO/TC 48



We take the pride to mention that **BOROSIL** represents India on **ISO/TC 48 - Technical Committee for Laboratory equipment and apparatus.**

NABL Accredited Testing Laboratory

Operated by trained and certified lab technicians



BOROSIL offers a range of glassware certified as per NABL norms

Volumetric Flasks

Measuring Cylinders

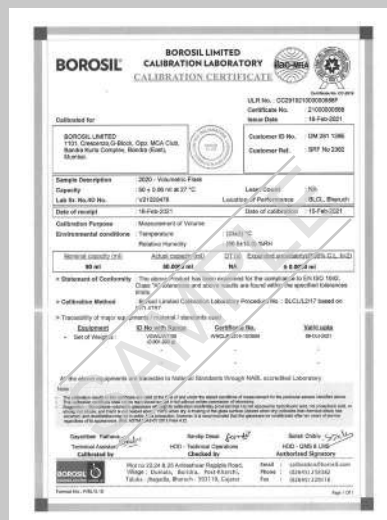
Burettes

Volumetric & Graduated
Pipettes

NABL Accreditation
Certificate



NABL Product
Certificate



Product details

Calibration details

Calibration Equipment
traceability

Statement for recalibration

BOROSIL[®] enabling the future of science

Now! Your laboratory glassware need is,

**JUST A
CLICK AWAY!**

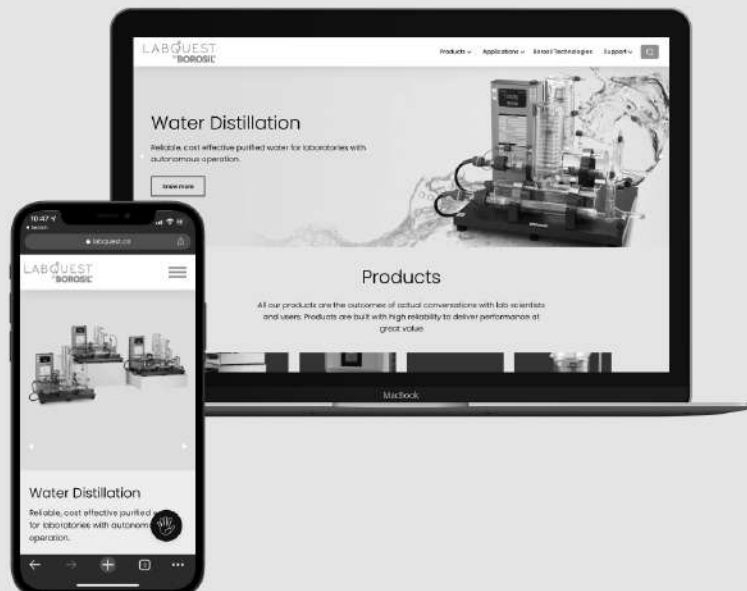
www.borosillab.com



We are happy to announce that **OUR NEW WEBSITE** for **Laboratory Glassware Products** is now **LIVE!**



LABQUEST BY BOROSIL[®]



Labquest.co is now live.

Head over to our website for the latest product introductions and updates in lab instruments

[Visit Labquest.co Website](http://www.labquest.co)

NEW
VERSION
IS LIVE

Update the BOROSIL app now!

TWO EASY OPTIONS TO DOWNLOAD THE CERTIFICATE

SCAN
QR CODE



ENTER
UID CODE

Individual calibration certificate

BOROSIL® Borosil Limited <small>(The wholly owned subsidiary of Borosil Glass Works Ltd and Borosil India as Registered Business Ltd)</small> CIN : U36100MH2010PLC292722 Corporate & Registered Office 1001, Concocon, G-Bldg, Opp. MCA Club, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051, Maharashtra, India Tel : +91 22 6740 6300 Email : lab.customercare@borosil.com Fax : +91 22 6740 6314 Website : www.borosil.com		 Class "A" TEST CERTIFICATE
Certificate No. : 2020-02-M3-17454	Date : 20-Feb-2020	
Test Method : Gravimetric Method based on ASTM E542		
Item Tested : VOLUMETRIC FLASK-100 ml		
Catalogue No. : 5645 USP DC 118 151Z 100.00 ml		
Code No. : DC 118 151Z		
Item Tested On : 20-Feb-2020		
Nominal Volume : 100.00 ml		
Tolerance : ± 0.08 ml	20-Feb-2020 16:40	
The Product was found to contain the following volume at 20 °C		
Certified Volume : 100.00 ml		
Delivery Time : N/A		
This Product has been calibrated with following devices:		
Balance : Make :Sartorius, S.N.:25405822, Range:0-1000 g, LC:0.001 g		
Thermometer : Make :Greisinger, S.N.:TS PR 10, Range:15-35 °C, LC:0.1 °C		
All the above devices have valid calibration traceable to NPL (National Metrology Institute), India; traceable to CIPM France.		
The above product has been examined for compliance to ASTM E288, Class A.		
It has been found to satisfy the specified requirements. The above item has been calibrated at 23.3 °C at RH 44.0 %.		
The above calibration result is valid at the time of calibration under lab condition.		
This report shall not be reproduced, except in full, unless with written permission from: M/s Borosil Limited.		
Calibrated by : SYP	Authorised Signatory	
Date of issue : 29-Feb-2020	 Whole Time Director Borosil Limited	

Individual Calibration Certificate can also be accessed
on www.borosil.com

Foreword

Borosil Limited presents to you, this Borosil Scientific and Laboratory Glassware Pricelist. Unless specific arrangements have been made to the contrary, the prices contained in this Pricelist are applicable to all goods despatched on or after **February 01, 2022**

This Pricelist supersedes all previous prices. All prices stated herein are the recommended maximum price per piece in INR, and are exclusive of All Taxes, Goods and Services Tax (GST), any delivery charges, other statutory and non-statutory levies. The dealers are at liberty to charge prices lower than those stipulated herein.

Customised Glassware

We undertake the manufacture of special glassware to agreed specifications. Please send us your queries at the address below, including complete details of specifications, and drawings wherever possible. We would be pleased to assist you in formulating specifications within normal working tolerances. Usually, we only accept orders with a minimum ex-works value of INR 10,000/-.

Corporate Office :

Borosil Limited

Crescenzo, G-Block, Opp. MCA Club,

Bandra Kurla Complex,

Bandra (E), Mumbai - 400 051, India

Tel : 022 - 6740 6300

Fax : 022 - 6740 6514

Email : lab.customercare@borosil.com

Conditions of Sale

At Borosil, it is our policy to market our laboratory glassware through our wide network of Authorised Dealers. Strategically located all over India, they are best equipped to satisfy the individual requirements of users across the nation. The products supplied will usually be in accordance with illustrations and descriptions however, **Borosil reserves the right to make alterations and modifications depending upon circumstances and/or changes in official specifications, or as a result of design improvements.**

Although the products are guaranteed for glass quality and workmanship, Borosil shall not be liable for any loss or damage or injury, arising directly or indirectly from the use of these products.

The images given in the Pricelist are for reference purpose only.
Actual products may differ from the images.

	Cat No.	Pg. No.		Cat No.	Pg. No.
A					
APPARATUS					
Arsenic determination apparatus As per USP	5200	56			
Arsenic determination apparatus GUTZEIT	5201	56			
Arsenic determination apparatus as per BP	5202	56			
Arsenic determination apparatus as per IP	5203	56			
Arsenic determination apparatus GUTZEIT as per IS	5204	56			
Arsenic determination apparatus as per JP	5205	56			
Arsenic determination apparatus as per EP	5206	57			
Oxygen combustion as per USP	5210	57			
Methoxy determination assembly as per USP	5211	57			
Sulphur Di-oxide assembly as per USP	5212	57			
Sodium Alginate Assembly as per USP	5215	57			
RM Value apparatus	3454	36			
Dean Stark apparatus as per IP	3602	36			
Gas generator apparatus, KIPPS	6550	74			
ADAPTERS					
Adapters, Enlarging, Connecting	8800	85			
Adapters, Reduction, Connecting	8820	85			
Adapters, Receiver Bent With Vacuum Connection	8830	85			
Adapters, Multiple With Two Necks Parallel	8831	85			
Adapters, Multiple With Two Necks - one vertical & one at 45°	8832	86			
Adapters, Multiple with three Neck, Two Parallel & one at 45°	8833	86			
Adapters, Swan Neck	8834	86			
Adapters, Cone / Rubber Tubing	8835	86			
Adapters, Cone / Flexible Tubing	8836	86			
Adapters, Receiver, Straight socket to rubber	8837	87			
Adapters, Receiver, Straight with Vacuum	8838	87			
Adapters, Receiver, Bend with vent	8839	87			
Adapter cones screw thread	8840	87			
Slopping Plane still head	8841	88			
Adapter receiver	8844	88			
Adapter receiver, Plain bent	8845	88			
Adapter recovery Bent with slopping end	8846	88			
Adapter recovery Bent vertical	8847	89			
Claisen head slopping	8849	89			
Adapter receiver plain, vertical	8850	89			
Splash head, vertical pear shape	8851	89			
Splash head slopping pear shape	8852	89			
Steam distillation heads	8853	90			
Adapter straight cone with stopcock	8854	90			
Adapter straight socket with stopcock	8855	90			
Adapter bend cone with stopcock	8856	90			
Adapter bend socket with stopcock	8857	90			
Thermometer Pocket Long Type	8861	91			
Thermometer Pocket Short Type	8862	91			
B					
BEAKERS					
Beaker, Low form with spout	1000	13			
Beaker, Tall form without spout	1040	13			
Beaker, Tall form with spout	1060	13			
Beaker, Phillips (Conical) with spout	1080	13			
BOTTLES					
Aspirator Bottles with GL 45 Cap and Tubulation	1220	14			
Aspirator Bottles with GL 45 cap and socket	1240	14			
Aspirator Bottles with GL 45 cap and I/C stopcock	1245	14			
B.O.D. Bottles	1250	14			
Roux Bottles	1290	15			
Bottles, Reagent, narrow mouth, with I/C stopper	1500	15			
Bottles, Reagent, narrow mouth, with screw cap	1501	15			
Screw caps with pouring rings	1503	15			
High temperature resistant screw caps	1505	16			
Bottles, Reagent, wide mouth, Square	1506	16			
Bottles, Reagent, narrow mouth, with I/C stopper, Amber	1509	16			
Bottles, Reagent, narrow mouth, with screw cap, Amber	1519	16			
Bottles, tooled neck, Solution bottle	1585	17			
Bottles, tooled neck, Solution bottle, Amber	1589	17			
Bottle, relative density, with capillary, With Certificate	1624	17			
Bottle, relative density, with capillary	1625	17			
Bottle, Pyknometer, with thermometer and capillary side tube	1627	18			
Bottles, weighing, with interchangeable lids	1630	18			
Bottles, weighing, with interchangeable Amber	1631	18			
Bottles, dropping with dropper and rubber teat	1640	18			
Bottles dropping with pipette and rubber teat, Amber	1650	18			
Bottles, wash, set with interchangeable stopper	1660	19			
Bottles, stopper for wash bottles cat no. 1660	1661	19			
Bottles, flasks for wash bottles cat no. 1660	1662	19			
Bottles, plastic clamp for joint fittings	1665	19			
Bottles, wash, LDPE plastic bottles	166P	19			
Bottles, for gas washing	1760	20			
Bottles, for gas washing bottle, cat no. 1760	1762	20			
Stopper for gas washing bottle, cat no. 1760	1761	20			
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Impinger	1765	20			
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Burettes with Boroflo stopcock, Class B	2122	22			
Burettes With Glass stopcock, Class A	2123	22			
Burettes With Glass stopcock, Class B	2124	22			
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Burettes With PTFE stopcock, Class B	2130	23			
Burettes with Boroflo stopcock, Class A, Amber	2131	23			
Burettes with Boroflo stopcock, Class B, Amber	2132	23			
Autoburettes with Glass stopcock, Class A	2149	23			
Autoburettes with Glass stopcock, Class B	2150	23			
Autoburettes with Glass stopcock, Class A, Amber	2149A	24			
Autoburettes with Glass stopcock, Class B, Amber	2150A	24			
Autoburettes with PTFE stopcock, Class A	2153	24			
Autoburettes with PTFE stopcock, Class B	2154	24			
Autoburettes with PTFE stopcock, Class A, Amber	2153A	25			

	Cat No.	Pg. No.		Cat No.	Pg. No.
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Autoburettes with Glass stopcock, Class A, Amber	2154A	25	Desiccators with Vacuum, Stopcock with PTFE Spindle, and Porcelain Plate	3083	33
Autoburettes with Boroflo stopcock, Class A	2155	25	Desiccators with Cover and Porcelain Plate, Plastic Knob, Amber	3084	33
Autoburettes with Boroflo stopcock, Class B	2156	25	Desiccators with Vacuum stopcock with PTFE spindle and Porcelain plate, Amber	3085	33
Autoburettes with Boroflo stopcock, Class A, Amber	2155A	26	DISHES		
Autoburettes with Boroflo stopcock, Class B, Amber	2156A	26	Dishes, Crystallizing	3140	34
C			Dishes, Culture, Petri	3160	34
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Cones, Plain Shank, Single	6560	73	DISTILLING APPARATUS		
Cones, Plain Shank, Double	6561	73	Graham Condenser, I/C Joints	3340	35
CONDENSERS			Graham Condenser, I/C Joints and Stopper	3360	35
Condensers, Liebig, with sealed Inner Tube	2340	27	Friedrichs Condenser I/C joint and stopper Friedrichs	3380	35
Condensers, Liebig, Drip Tip	2400	27	Condenser, Compact, I/C joint and stopper	3440	35
Condensers, Allihn, Drip Tip	2480	28	Essential Oil Determination Apparatus (Clevenger Apparatus as per IS 1797 Essential Oil	3450	35
Condensers, Graham, Coiled Drip Tip	2560	28	Determination Apparatus (Clevenger Apparatus	3451	36
Condensers, Friedrichs, Drip Tip	2640	28	Alcohol Distillation Unit		
Condensers, Double surface	2641	28	R M Value Apparatus	3452	36
CHROMATOGRAPHY COLUMNS			Dean Stark Distilling Apparatus	3454	36
Chromatography Column, Plain With Glass Stopcock	6100	69		3602	36
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Cylinders Class B, Hexagonal Base, with I/C Stopper	2982	29	extraction apparatus set		
Cylinders USP, Class A, Hexagonal Base, with I/C Stopper	2983	30		3840	42
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Cylinders Class B, Hexagonal base, Pour out	3022	30	FLASKS		
Cylinders ASTM Class A, Hexagonal base, Pour out	3026	31	Flask, Flat bottom, narrow mouth	4060	43
Cylinders ASTM Class B, Hexagonal base, Pour out	3027	31	Flask, Flat bottom, narrow mouth, short neck with I/	4100	43
Cylinders, Tapped Density Cylinder As Per USP, Ch. 616, set of two	3032	31	C joint		
Cylinders, Tapped Density Cylinder As Per USP, Ch. 616, 100ml	3033	32	Flask, Round bottom, narrow mouth	4260	43
Cylinders, Tapped Density Cylinder As Per USP, Ch. 616, 250ml	3034	32	Dissolution E- Flask, USP, Clear	4265	44
Cylinders, Rain Measure	3070	32	Dissolution E- Flask, USP, Amber	4266	44
D			Dissolution L- Flask, USP, Clear	4267	44
DESICCATORS			Dissolution L- Flask, USP, Amber	4268	44
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			Flask Pear Shape with I/C joint	4315	45
			Flask Rotary Evaporator with I/C joint	4320	45
			Flask Reaction vessel	4330	45
			Lid for Reaction vessel flask	4331	45
			Flask, Round bottom, narrow mouth short neck with I/C joint	4380	46
			Flask, Round bottom, 2 necks, angular	4381	47
			Flask, Round bottom, 2 necks, parallel	4382	47

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Filtration Assembly with bottle, 90mm Filter	5380	59
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Filter membrane, Gridded Cellulose Nitrate Filter	5247	60
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K

KETTLES

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L

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MANSINGH SURVISMETER	3453	40	QUARTZWARE		
MICROSCOPE SLIDES & COVERS GLASS			Quartz Beakers, low form with spout	1002	99
Microscope Slides			Quartz Muffle trays	3175	99
Cover Glass	9100	102	Quartz Dishes / Basins round with spout	3185	99
MORTAR AND PESTLE	9115	102	Quartz Cornustion Boat with handle	3186	99
MUSEUM JARS	7210	82	Quartz Crucibles without lid	3190	99
	6910	74	Quartz Lids for crucibles	3191	100
			Quartz Volatile matter crucibles	3195, 3196, 3197	100
			Quartz Silica traingles on Nichrome	3198	100
			Quartz Conical flasks	4984	100
			Quartz Volumetric Flasks	5644	100
			Quartz Circular Capsule	8600	101
N			QUARTZWARE		
NABL CERTIFIED GLASSWARE			Quartz Reagent Bottle, with hollow stopper	1511	101
Burettes with Boroflo stopcock, Class A, NABL Certified	2000	26	Quartz Measuring cylinder w/spout class B,	3028	101
Burettes with Boroflo stopcock, Class A, Amber, NABL Certified	2001	26	Quartz Funnel, 75mm	6141	101
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Stirrer Rod, Glass, With PTFE Blade	9860	95

SPREADER

	9865	95
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SAMPLING AND STORAGE VIALS

	9913	96
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T

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Blood Sugar, Folin- Wu, Tube	7840	82
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Tube, Culture, Round Bottom, Amber, with PP Cap	9901	95
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Volumetric Flask, USP, ASTM, Narrow mouth, Amber	5655	66
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TECHNICAL INFORMATION

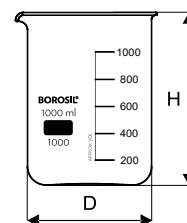
		161-167
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Beakers

1000 - LOW FORM BEAKER With Spout

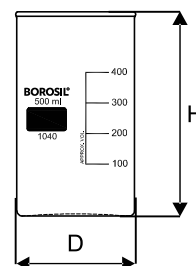
Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
1000005	5*	22 x 30	20	140.00
1000006	10*	26 x 35	20	140.00
1000009	25	34 x 50	60	140.00
1000D12	50	42 x 60	60	95.00
1000D16	100	50 x 70	40	95.00
1000D18	150	60 x 80	40	95.00
1000D21	250	70 x 95	40	105.00
1000D23	400	80 x 110	40	170.00
1000D24	500	85 x 115	40	165.00
1000D25	600	90 x 125	40	220.00
1000028	800	100 x 135	20	340.00
1000D29	1000	105 x 145	20	340.00
1000D30	2000	130 x 185	6	685.00
1000D31	3000	150 x 215	4	1790.00
1000D33	5000	170 x 270	4	2630.00
1000D38	10000	220 x 350	1	8295.00

* 5 ml and 10 ml Beakers are not graduated.



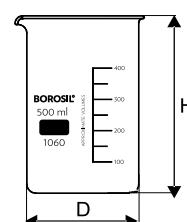
1040 - TALL FORM BEAKER Without Spout

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
10 40012	50	38 x 70	40	165.00
1040016	100	48 x 80	40	170.00
10 40018	150	54 x 95	40	180.00
10 40021	250	60 x 120	40	170.00
1040024	500	80 x 140	20	240.00
10 40025	600	80 x 150	20	315.00
10 40028	800	90 x 175	20	385.00
10 40029	1000	95 x 180	20	470.00



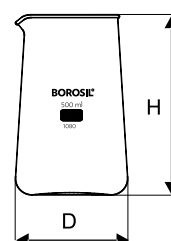
1060 - TALL FORM BEAKER With Spout

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
10 60012	50	38 x 70	40	170.00
1060D16	100	48 x 80	40	175.00
10 60018	150	54 x 95	40	180.00
1060D21	250	60 x 120	40	175.00
1060D24	500	80 x 140	20	240.00
10 60025	600	80 x 150	20	375.00
10 60028	800	90 x 175	20	445.00
1060D29	1000	95 x 180	20	475.00

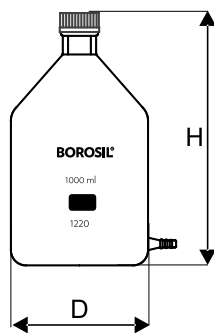


1080 - PHILLIP (CONICAL) BEAKER With Spout

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
1080021	250	68 x 110	40	770.00
1080024	500	88 x 145	40	965.00



Bottles



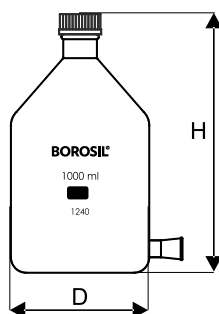
1220 - ASPIRATOR BOTTLES

Product Code	Capacity ml	Approx O.D. x Height* mm	Thread Specification	Quantity Per Case	Price / Piece ₹
1220021	250**	70 x 140	GL 45	10	465.00
1220024	500**	86 x 176	GL 45	10	520.00
1220029	1000	101 x 225	GL 45	10	950.00
1220030	2000	136 x 260	GL 45	5	1505.00
1220033	5000	181 x 320	GL 45	1	8650.00
1220038	10000***	235 x 405	GL 45	1	14640.00
1220040	20000***	296 x 505	GL 45	1	26610.00

Not covered in ISO / DIN standards./ *Height indicated is of Bottle only / *As per Borosil dimension

1240 - ASPIRATOR BOTTLES

With Socket Outlet For Stopcock and PP Cap



Product Code	Capacity ml	Approx O.D. x Height* mm	Thread Specification	Outlet Ground Joint Size	Quantity Per Case	Price / Piece ₹
1240029	1000	101 x 225	GL 45	19 / 26	10	1175.00
1240030	2000	136 x 260	GL 45	19 / 26	5	1685.00
1240033	5000	181 x 330	GL 45	29 / 32	1	9735.00
1240038	10000***	235 x 405	GL 45	29 / 32	1	13795.00
1240040	20000***	296 x 505	GL 45	29 / 32	1	23715.00

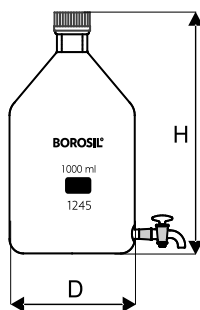
*Height indicated is of Bottle only

***As per Borosil dimension

Glass stopcock available on request

1245 - ASPIRATOR BOTTLES

With I/C Glass Stopcock and PP Cap



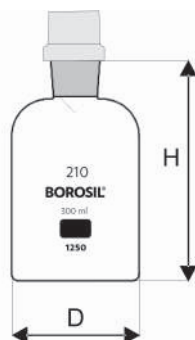
Product Code	Capacity ml	Approx O.D. x Height* mm	Thread Specification	Outlet Ground Joint Size	Quantity Per Case	Price / Piece ₹
1245029	1000	101 x 225	GL 45	19 / 26	10	3265.00
1245030	2000	136 x 260	GL 45	19 / 26	4	3855.00
1245033	5000	181 x 323	GL 45	29 / 32	1	12780.00
1245038	10000***	235 x 405	GL 45	29 / 32	1	18010.00
1245040	20000***	296 x 505	GL 45	29 / 32	1	26755.00

*Height indicated is of Bottle only

***As per Borosil dimension

Spare glass stopcock available on request

1250 - B.O.D. BOTTLES



Product Code	Capacity ml	Approx O. D. x Height* mm	Quantity Per Case	Price / Piece ₹
1250013	60**	42 x 100	10	515.00
1250017	125**	55 x 120	10	635.00
1250022	300	70 x 143	30	740.00

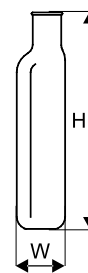
*Height indicated is of Bottle only

**60 & 125 ml are not covered in standards

300 ml is for determination of B.O.D. in Industrial effluents, wastes and water as per method specified by the American Public Health Association

1290 - ROUX BOTTLES WITH OFF SET NECK

Product Code	Capacity ml	Approx B x W x H mm	Approx Neck I. D. mm	Quantity Per Case	Price / Piece ₹
1290029	1000	126 x 56 x 265	25	20	2120.00



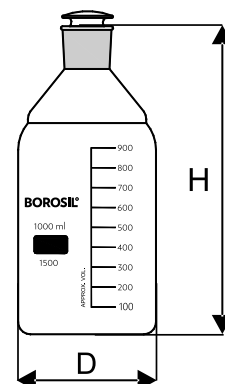
1500 - REAGENT BOTTLES

Narrow Mouth With I/C Glass Stopper

Product Code	Capacity ml	Approx O.D. x Height* mm	Neck Stopper Size	Quantity Per Case	Price / Piece ₹
1500013	60**	45 x 97	14 / 23	40	425.00
1500016	100	56 x 100	19 / 26	10	465.00
1500017	125**	56 x 120	19 / 26	50	405.00
1500021	250	70 x 138	19 / 26	10	445.00
1500024	500	86 x 177	24 / 29	10	465.00
1500029	1000	101 x 225	29 / 32	5	750.00
1500030	2000	136 x 260	34 / 35	5	1375.00

*Height indicated is of Bottle only

**60 & 125 ml is not covered in standards



1501 - REAGENT BOTTLES

Narrow Mouth With Screw Cap

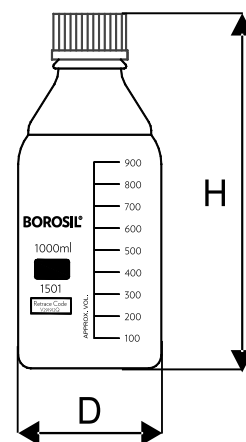
Product Code	Capacity ml	Approx O.D. x Height* mm	Thread Specification	Quantity Per Case	Price / Piece ₹
1501006	10**#	36 x 50	GL 25	10	525.00
1501009	25#	36 x 70	GL 25	20	350.00
1501012	50	46 x 87	GL 32	20	400.00
1501016	100	56 x 100	GL 45	10	380.00
1501018	150**#	60 x 120	GL 45	10	450.00
1501021	250	70 x 138	GL 45	10	385.00
1501024	500	86 x 177	GL 45	10	425.00
1501029	1000	101 x 225	GL 45	10	655.00
1501030	2000	136 x 260	GL 45	10	1170.00
1501031	3000**	158 x 295	GL 45	2	6045.00
1501033	5000***	181 x 320	GL 45	1	6290.00
1501038	10000***	235 x 405	GL 45	1	11260.00
1501040	20000***	296 x 505	GL 45	1	21055.00

- *Height indicated is of Bottle only

- #Without Pouring Ring

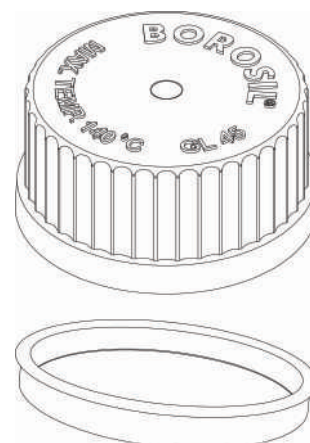
- **Not covered in any standard

- ***As per Borosil Dimension

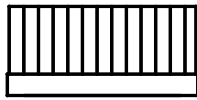


1503 - SCREW CAPS FOR BOTTLES with Pouring Ring

Product Code	Colour Description	Thread Specification	Quantity Per Case	Price / Piece ₹
1503C01	Blue	GL 45	10	100.00
1503C02	Orange	GL 45	10	105.00
1503C03	Yellow	GL 45	10	105.00
1503C04	Green	GL 45	10	105.00
1503C05	Grey	GL 45	10	105.00
1503C06	Blue	GL 25	10	95.00
1503C07	Blue	GL 32	10	95.00
1503C08	Blue	GL 36	10	95.00



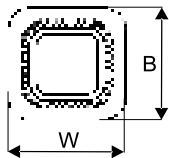
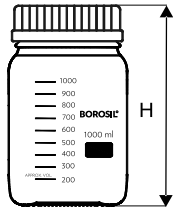
HSN Code: 39235010



1505 - HIGH TEMPERATURE RESISTANT SCREW CAPS

Product Code	Colour Specification	Thread Specification	Quantity Per Case	Price / Piece ₹
1505C01	Red	GL - 45	10	690.00

HSN Code: 39235010



Bottom View

1506 - REAGENT BOTTLES

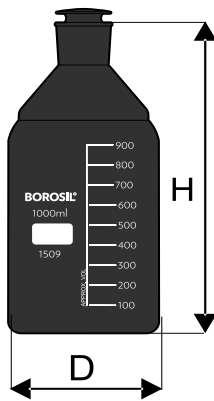
Wide Mouth With Screw Cap, Square

Product Code	Capacity ml	Approx B x W x H mm	Thread Specification Approx O.D. mm	Quantity Per Case	Price / Piece ₹
1506024	500	94 x 94 x 141	GL-80	10	1105.00
1506029	1000	105 x 105 x 187	GL-80	10	1220.00
1506030	2000	115 x 115 x 260	GL-80	10	1920.00
1506033	5000	160 x 160 x 357	GL-80	1	11835.00

*Height indicated is of Bottle only

1509 - REAGENT BOTTLES

Narrow Mouth With I/C Glass Stopper, Amber



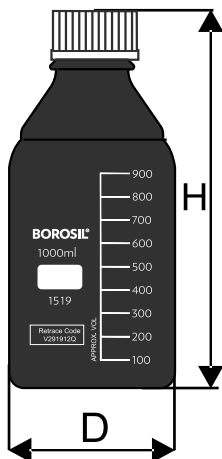
Product Code	Capacity ml	Approx O.D. x Height* mm	Neck Stopper Size	Quantity Per Case	Price / Piece ₹
1509013	60**	45 x 97	14 / 23	20	610.00
1509016	100	56 x 100	14 / 23	10	675.00
1509017	125**	56 x 120	19 / 26	20	635.00
1509021	250	70 x 138	19 / 26	10	770.00
1509024	500	86 x 177	24 / 29	10	895.00
1509029	1000	101 x 225	29 / 32	5	1160.00
1509030	2000	136 x 260	34 / 35	5	2215.00

*Height indicated is of Bottle only

**60 & 125 ml is not covered in standards

1519 - REAGENT BOTTLES

Narrow Mouth With Screw Cap, Amber



Product Code	Capacity ml	Approx O.D. x Height* mm	Thread Specification	Quantity Per Case	Price / Piece ₹
1519006	10 **#	36 x 50	GL 25	10	645.00
1519009	25#	36 x 70	GL 25	20	545.00
1519012	50#	46 x 87	GL 32	20	630.00
1519016	100	56 x 100	GL 45	10	655.00
1519021	250	70 x 138	GL 45	10	690.00
1519024	500	86 x 177	GL 45	10	825.00
1519029	1000	101 x 225	GL 45	10	1075.00
1519030	2000	136 x 260	GL 45	10	2020.00
1519031	3000**	158 x 295	GL 45	2	10780.00
1519033	5000***	183 x 320	GL 45	1	11125.00
1519038	10000***	235 x 405	GL 45	1	16200.00
1519040	20000***	296 x 500	GL 45	1	29290.00

- *Height indicated is of Bottle only

#Without Pouring rings

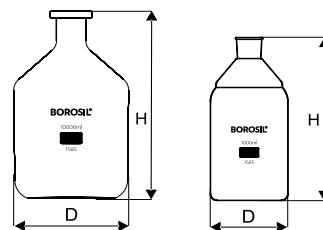
**Not covered in any standard

***As per BOROSIL dimensions

1585 - SOLUTION BOTTLES

With Tooled Neck

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck I. D. mm	Quantity Per Case	Price / Piece ₹
1585021	250	70 x 145	18	20	440.00
1585024	500	86 x 180	23	20	470.00
1585029	1000	101 x 230	28	10	745.00
1585030	2000	136 x 285	33	10	1260.00
1585031	3000	158 x 255	44	4	6270.00
1585033	5000	183 x 330	44	1	7715.00
1585038	10000*	235 x 430	54	1	13190.00
1585040	20000*	296 x 530	54	1	21890.00
1585046	50000	417 x 665	89	1	104095.00

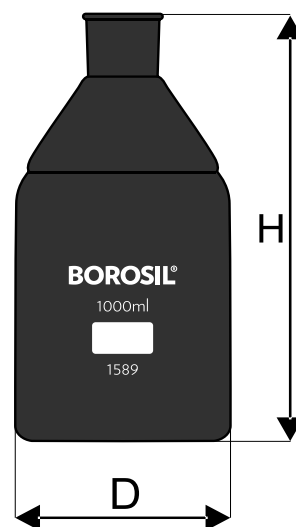


*As per Borosil dimensions

1589 - SOLUTION BOTTLES

With Tooled Neck, Amber

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck I. D. mm	Quantity Per Case	Price / Piece ₹
1589021	250	70 x 145	18	10	800.00
1589024	500	86 x 180	23	20	835.00
1589029	1000	101 x 230	28	5	1220.00
1589030	2000	136 x 255	33	5	2105.00
1589031	3000	158 x 255	44	4	5390.00
1589033	5000	183 x 330	44	1	10080.00
1589038	10000*	235 x 430	54	1	17805.00
1589040	20000*	296 x 530	54	1	28605.00

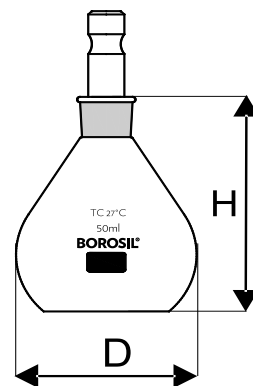


*As per Borosil dimensions

1624 - RELATIVE DENSITY BOTTLES

(Pyknometer) With I/C PTFE Stopper With Certificate

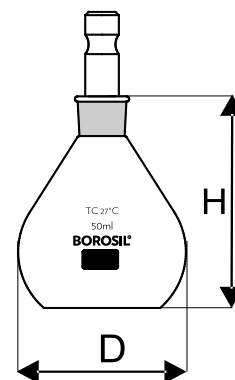
Product Code	Capacity ml	Capacity Tolerance ± ml	Max. Body Dia x Height mm	Size of Inter-Changeable Stopper	Quantity Per Case	Price / Piece ₹
1624006	10	0.3	29 x 48	10 / 15	5	1195.00
1624009	25	0.8	40 x 55	10 / 15	5	1405.00
1624012	50	1	50 x 65	10 / 15	5	1480.00

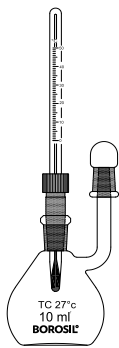


1625 - RELATIVE DENSITY BOTTLES

(Pyknometer) With I/C PTFE Stopper

Product Code	Capacity ml	Capacity Tolerance ± ml	Max. Body Dia x Height mm	Size of Inter-Changeable Stopper	Quantity Per Case	Price / Piece ₹
1625006	10	1	29 x 48	10 / 15	10	565.00
1625009	25	2	40 x 55	10 / 15	10	625.00
1625012	50	3	50 x 65	10 / 15	5	670.00





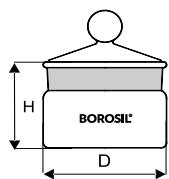
1627 - SPECIFIC GRAVITY BOTTLES (PYKNOMETER)

With Thermometer And Capillary Side Tube

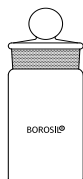
Product Code	Capacity ml	Tolerance ± ml	Max. Body Dia x Height mm	Size of I/C Stopper	Quantity Per Case	Price / Piece ₹
1627006	10	1	29 x 48	10 / 19	5	1610.00
1627009	25	2	40 x 55	10 / 19	5	1885.00
1627012	50	3	50 x 65	10 / 19	5	2045.00

1630 - WEIGHING BOTTLES

With I/C Glass Lid



Squat Form



Tall Form

Product Code	Capacity ml	Approx O.D. x Height* mm	Quantity Per Case	Price / Piece ₹
1630005	5	20 x 45	30	355.00
1630007	15	26 x 65	10	365.00
1630008	20**	50 x 35	10	765.00
1630009	25	30 x 65	10	455.00
1630011	40**	60 x 40	10	1085.00
1630013	60	40 x 90	5	685.00

*Height indicated is of Bottle only

**Squat Form

1631 - WEIGHING BOTTLES

With I/C Glass Lid, Amber



Tall Form

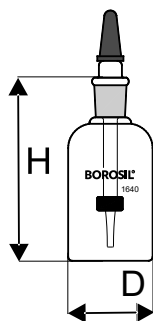
Product Code	Capacity ml	Approx O.D. x Height* mm	Quantity Per Case	Price / Piece ₹
1631005	5	20 x 45	30	490.00
1631007	15	26 x 65	10	515.00
1631008	20**	50 x 35	10	1010.00
1631009	25	30 x 65	10	595.00
1631011	40**	60 x 40	10	1410.00
1631013	60	40 x 90	5	900.00

*Height indicated is of Bottle only

**Squat Form

1640 - DROPPING BOTTLES

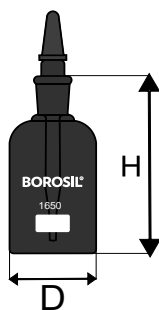
With Glass Dropper & Rubber Teat



Product Code	Capacity ml	Approx O.D. x Height mm	Socket Size	Quantity Per Case	Price / Piece ₹
1640010	30	34 x 86	14 / 23	10	355.00
1640013	60	42 x 100	14 / 23	10	480.00
1640017	125	55 x 120	19 / 26	10	505.00
1640021	250	65 x 147	19 / 26	10	670.00

1650 - DROPPING BOTTLES

With Glass Dropper & Rubber Teat, Amber

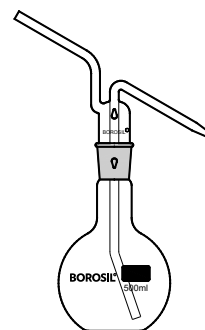


Product Code	Capacity ml	Approx O.D. x Height mm	Socket Size	Quantity Per Case	Price / Piece ₹
1650010	30	35 x 86	14 / 23	10	580.00
1650013	60	42 x 100	14 / 19	10	775.00
1650017	125	55 x 120	19 / 26	10	835.00
1650021	250	65 x 147	19 / 26	10	1095.00

1660 - GLASS WASH BOTTLE

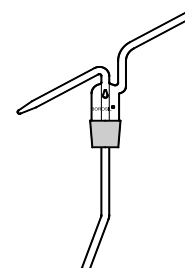
Set With I/C Stopper

Product Code	Capacity ml	Approx OD mm	Approx Height mm	Size of Inter-changeable Stopper	Quantity Per Case Set	Price / Piece ₹
1660021	250	85	130	24 / 29	5	875.00
1660024	500	105	160	24 / 29	5	1100.00
1660029	1000	131	195	29 / 32	5	1305.00



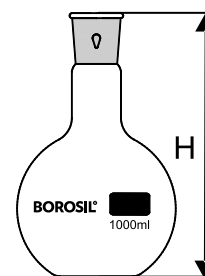
1661 - STOPPER FOR GLASS WASH BOTTLE

Product Code	Capacity ml	Size of Inter-changeable Stopper	Quantity Per Case	Price / Piece ₹
1661021	250	24 / 29	5	575.00
1661024	500	24 / 29	5	620.00
1661029	1000	29 / 32	5	645.00



1662 - FLASK FOR GLASS WASH BOTTLE

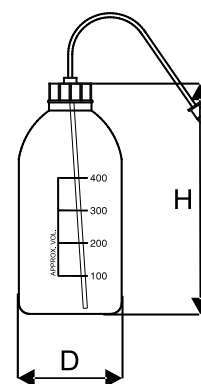
Product Code	Capacity ml	Approx OD mm	Approx Height mm	Size of Inter-changeable Stopper	Quantity Per Case	Price / Piece ₹
1662021	250	85	130	24 / 29	5	530.00
1662024	500	105	160	24 / 29	5	830.00
1662029	1000	131	195	29 / 32	5	1115.00



166P - LDPE PLASTIC WASH BOTTLES

Squeeze Type

Product Code	Capacity ml	Approx Diameter mm	Bottle Height mm	Quantity Per Case	Price / Piece ₹
166024	500	75	167	36	135.00



1665 - PLASTIC CLAMPS FOR JOINT FITTINGS

Product Code	Joint mm	Quantity Per Case	Price / Piece ₹
1665B14	B 14	10	65.00
1665B19	B 19	10	65.00
1665B24	B 24	10	70.00
1665B29	B 29	10	70.00



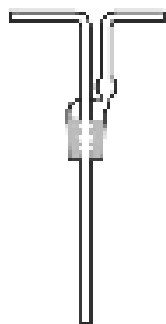
HSN Code: 39235010



1760 - GAS WASHING (DRESCHEL) BOTTLES

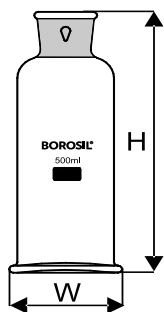
Set With I/C Stopper

Product Code	Capacity ml	Approx O.D x Height (bottle) mm	Size of Inter-changeable Stopper	Quantity Per Case Set	Price / Piece ₹
1760017	125	50 x 165	29 / 32	5	1330.00
1760021	250	60 x 190	29 / 32	5	1430.00
1760024	500	70 x 245	29 / 32	5	1705.00



1761 - STOPPER FOR GAS WASHING (DRESCHEL) BOTTLES

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
1761017	125	5	750.00
1761021	250	5	780.00
1761024	500	5	890.00



1762 - BOTTLES FOR GAS WASHING (DRESCHEL) BOTTLES

Product Code	Capacity ml	Approx O.D x Height mm	Quantity Per Case	Price / Piece ₹
1762017	125	50 x 165	5	1200.00
1762021	250	60 x 190	5	1315.00
1762024	500	70 x 245	5	1610.00

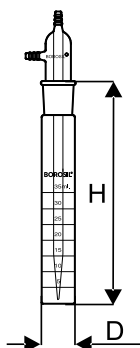


1764 - GAS SAMPLING TUBES

With Glass Stopcocks

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
1764017	125*	10	740.00
1764021	250*	10	870.00
1764024	500	10	1235.00
1764029	1000	10	2105.00

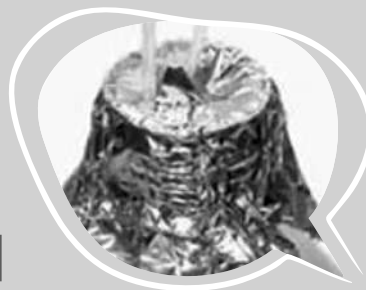
* Not covered in standards



1765 - IMPINGER

Product Code	Capacity ml	Approx O. D. x Height mm	Quantity Per Case Set	Price / Piece ₹
1765058	35	26 x 220	10	560.00

Still stuck with
the old method
for transferring HPLC solvents ?

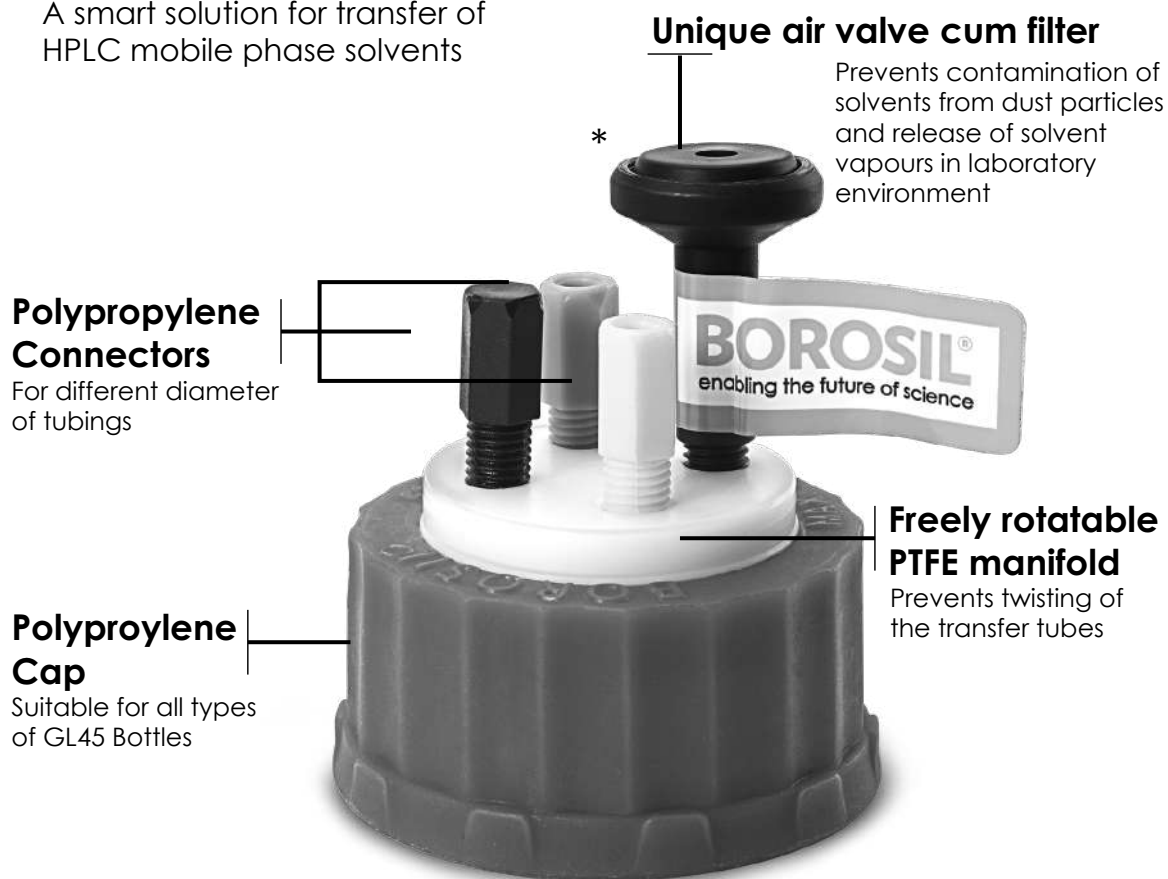


BOROSIL®

is right here with a solution

Multi-Port HPLC Cap
with Anti-twist mechanism

A smart solution for transfer of
HPLC mobile phase solvents



Unique air valve cum filter

Prevents contamination of
solvents from dust particles
and release of solvent
vapours in laboratory
environment

**Polypropylene
Connectors**

For different diameter
of tubings

**Polypropylene
Cap**

Suitable for all types
of GL45 Bottles

**Freely rotatable
PTFE manifold**

Prevents twisting of
the transfer tubes

1513 Multi-Port HPLC Cap

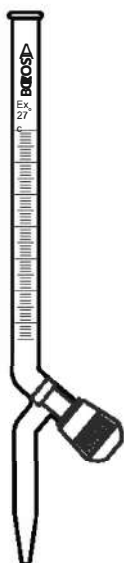
Product Code	No. of Ports	Quantity Per Case	Price / Piece ₹
1513C04	4	4	3575.00
1513C02	2	4	3145.00
1513C01	1	4	3000.00

* Air Filter can be given upon request
Check for availability before placing order

Burettes

2121 - BURETTES

With Boroflo stopcock, Class A, with Individual Calibration Certificate



Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2121006	10	0.05	0.03	5	2145.00
2121U06*	10	0.05	0.02	5	2165.00
2121009	25	0.10	0.05	5	2210.00
2121U09*	25	0.10	0.03	5	2305.00
2121012	50	0.10	0.05	5	2515.00
2121016	100	0.20	0.10	5	3530.00

* Accuracy as per ASTM E287-2 and calibrated at 20°C
50 ml and 100 ml capacities complies both standards - ISO and ASTM for accuracy

2122 - BURETTES

With Boroflo stopcock, Class B

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2122006	10	0.05	0.05	10	695.00
2122009	25	0.10	0.10	10	655.00
2122012	50	0.10	0.10	5	735.00
2122016	100	0.20	0.20	5	1105.00

2123 - BURETTES

With Glass stopcock, Class A, with Individual Calibration Certificate



Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2123005	5	0.02	0.01	5	2300.00
2123006	10	0.05	0.03	5	2425.00
2123009	25	0.10	0.05	5	2380.00
2123012	50	0.10	0.05	5	2705.00
2123016	100	0.20	0.10	5	3900.00

2124 - BURETTES

With Glass stopcock, Class B

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2124005	5	0.02	0.02	5	930.00
2124006	10	0.05	0.05	10	790.00
2124009	25	0.10	0.10	10	770.00
2124012	50	0.10	0.10	5	840.00
2124016	100	0.20	0.20	5	1170.00

2129 - BURETTES

With PTFE stopcock, Class A, with Individual Calibration Certificate

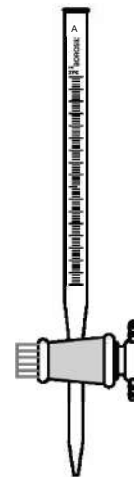
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2129012	50	0.1	0.05	5	2705.00

Burettes of other capacities are on request

2130 - BURETTES

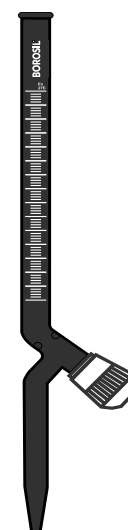
With PTFE stopcock, Class B

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2130012	50	0.1	0.1	5	1005.00

**2131 - BURETTES**

With Boroflo stopcock, Class A, Amber, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2131009	25	0.10	0.05	5	3645.00
2131012	50	0.10	0.05	5	4040.00

**2132 - BURETTES**

With Boroflo stopcock, Class B, Amber

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2132009	25	0.10	0.10	10	1060.00
2132012	50	0.10	0.10	5	1165.00

2149 - AUTOBURETTES

With Glass stopcock, Class A, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2149006	10	0.05	0.03	1	8995.00
2149009	25	0.10	0.05	1	8705.00
2149012	50	0.10	0.05	1	9740.00
2149016	100	0.20	0.10	1	11085.00

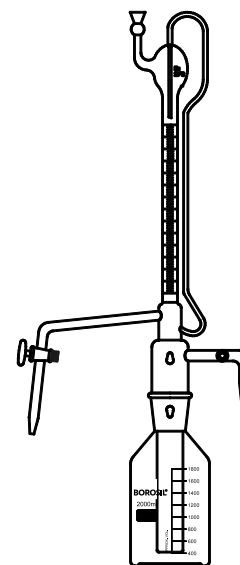
Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.

2150 - AUTOBURETTES

With Glass stopcock, Class B

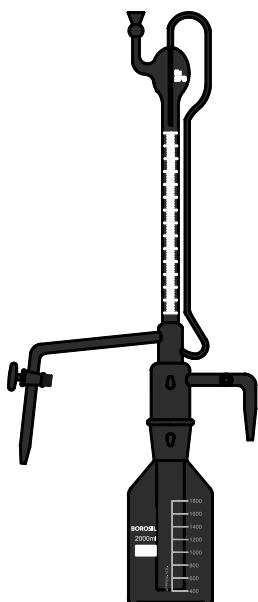
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2150006	10	0.05	0.05	1	5900.00
2150009	25	0.10	0.10	1	5805.00
2150012	50	0.10	0.10	1	6290.00
2150016	100	0.20	0.20	1	7170.00

Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.



2149A - AUTOBURETTES

With Glass stopcock, Class A, Amber, with Individual Calibration Certificate



Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2149A06	10	0.05	0.03	1	18500.00
2149A09	25	0.10	0.05	1	19610.00
2149A12	50	0.10	0.05	1	21580.00
2149A16	100	0.20	0.10	1	22295.00

Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.

2150A - AUTOBURETTES

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2150A06	10	0.05	0.05	1	12900.00
2150A09	25	0.10	0.10	1	13090.00
2150A12	50	0.10	0.10	1	13355.00
2150A16	100	0.20	0.20	1	14005.00

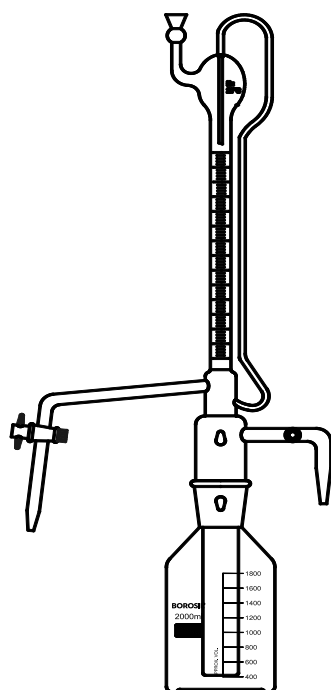
Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.

2153 - AUTOBURETTES

With PTFE Stopcock, Class A, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2153006	10	0.05	0.03	1	9490.00
2153009	25	0.10	0.05	1	9275.00
2153012	50	0.10	0.05	1	10285.00
2153016	100	0.20	0.10	1	11755.00

Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.



2154 - AUTOBURETTES

With PTFE stopcock, Class B

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2154006	10	0.05	0.05	1	6230.00
2154009	25	0.10	0.10	1	6100.00
2154012	50	0.10	0.10	1	6620.00
2154016	100	0.20	0.20	1	7520.00

Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.

2153A - AUTOBURETTES

With PTFE stopcock, Class A, Amber, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2153A06	10	0.05	0.03	1	19185.00
2153A09	25	0.10	0.05	1	20480.00
2153A12	50	0.10	0.05	1	22425.00
2153A16	100	0.20	0.10	1	23465.00

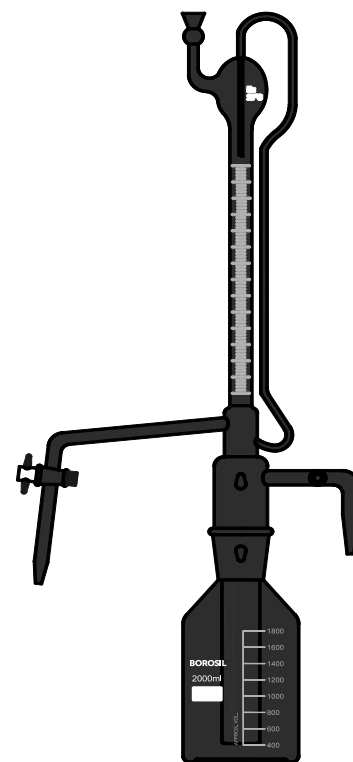
Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.

2154A - AUTOBURETTES

With PTFE stopcock, Class B, Amber

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2154A06	10	0.05	0.05	1	13090.00
2154A09	25	0.10	0.10	1	12315.00
2154A12	50	0.10	0.10	1	12640.00
2154A16	100	0.20	0.20	1	13220.00

Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.



2155 - AUTOBURETTES

With Boroflo stopcock, Class A, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2155006	10	0.05	0.03	1	8690.00
2155009	25	0.10	0.05	1	8465.00
2155012	50	0.10	0.05	1	9400.00
2155016	100	0.20	0.10	1	10685.00

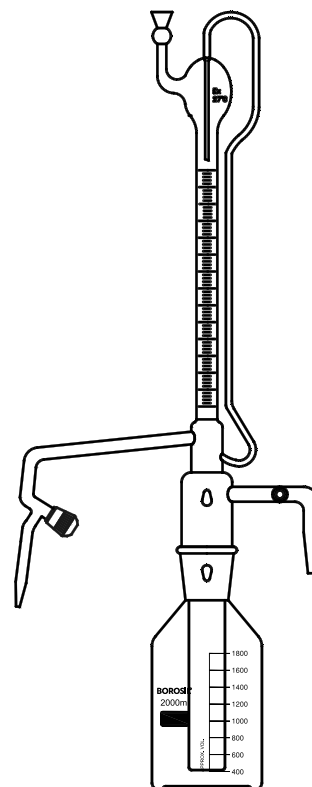
Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.

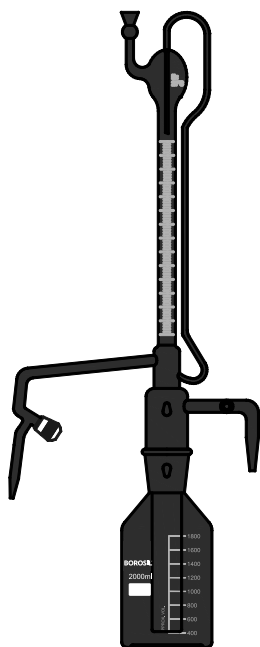
2156 - AUTOBURETTES

With Boroflo stopcock, Class B

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2156006	10	0.05	0.05	1	5745.00
2156009	25	0.10	0.10	1	5610.00
2156012	50	0.10	0.10	1	6145.00
2156016	100	0.20	0.20	1	7055.00

Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.





2155A - AUTOBURETTES

With Boroflo stopcock, Class A, Amber, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2155A06	10	0.05	0.03	1	18280.00
2155A09	25	0.10	0.05	1	19315.00
2155A12	50	0.10	0.05	1	21455.00
2155A16	100	0.20	0.10	1	22165.00

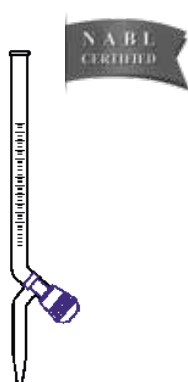
Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.

2156A - AUTOBURETTES

With Boroflo stopcock, Class B, Amber

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2156A06	10	0.05	0.05	1	12770.00
2156A09	25	0.10	0.10	1	12900.00
2156A12	50	0.10	0.10	1	13290.00
2156A16	100	0.20	0.20	1	13805.00

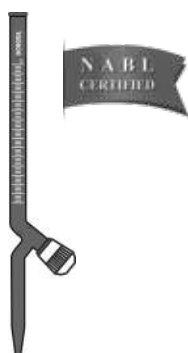
Reservoir Capacity : 500 ml for 10 ml size and 2000 ml for 25, 50 and 100 ml sizes.



2000 - BURETTES

With Boroflo stopcock, NABL Certified, Class A, with Individual Calibration Certificate

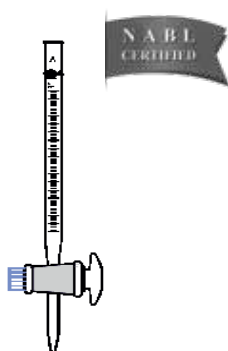
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2000006	10	0.05	0.03	1	4185.00
2000009	25	0.10	0.05	1	4335.00
2000012	50	0.10	0.05	1	4895.00
2000016	100	0.20	0.10	1	6875.00



2001 - BURETTES

With Boroflo stopcock, NABL Certified, Class A, Amber, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2001009	25	0.1	0.05	1	6635.00
2001012	50	0.1	0.05	1	7525.00



2002 - BURETTES

With Glass stopcock, NABL Certified, Class A, with Individual Calibration Certificate

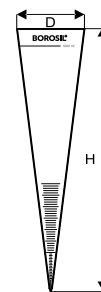
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2002006	10	0.05	0.03	1	4310.00
2002009	25	0.10	0.05	1	4460.00
2002012	50	0.10	0.05	1	5095.00
2002016	100	0.20	0.10	1	7255.00

Cones

2160 - IMHOFF CONE

Sharp Tip

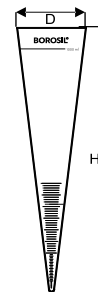
Product Code	Approx Total Height mm	Approx Top Diameter mm	Quantity Per Case	Price / Piece ₹
216 0094	454	110	1	6155.00



2180 - IMHOFF CONE

Blunt Tip

Product Code	Approx Total Height mm	Approx Top Diameter mm	Quantity Per Case	Price / Piece ₹
2180093	439	110	1	6285.00

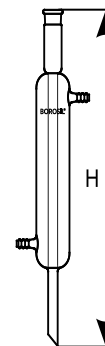


Condensers

2340 - LIEBIG CONDENSER

With Sealed Inner Tube

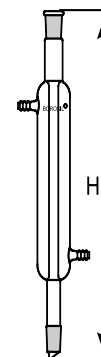
Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint	Quantity Per Case	Price / Piece ₹
2340087	200	350	19 / 15	5	645.00
2340090	300	450	19 / 15	5	550.00
2340092	400	550	19 / 15	5	575.00
2340095	500	650	19 / 15	5	700.00

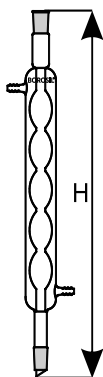


2400 - LIEBIG CONDENSER

With Drip Tip

Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint		Quantity Per Case	Price / Piece ₹
			Socket	Cone		
2400087	200	350	19 / 26	19 / 26	5	645.00
2400090	300	450	24 / 29	24 / 29	5	715.00
2400092	400	550	24 / 29	24 / 29	5	825.00

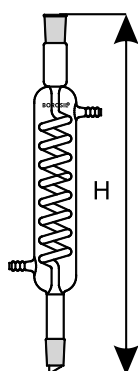




2480 - ALLIHN CONDENSER

With Drip Tip

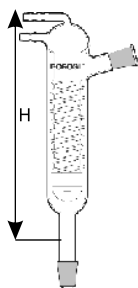
Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint		Quantity Per Case	Price / Piece ₹
			Socket	Cone		
2480087	200	350	19 / 26	19 / 26	5	825.00
2480090	300	450	24 / 29	24 / 29	5	870.00
2480092	400	550	24 / 29	24 / 29	5	1010.00
2480096	600	750	29 / 32	29 / 32	5	1365.00



2560 - GRAHAM COILED CONDENSER

With Drip Tip

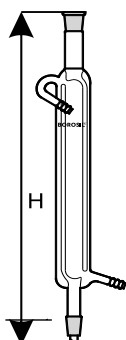
Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint		Quantity Per Case	Price / Piece ₹
			Socket	Cone		
2560090	300	450	24 / 29	24 / 29	5	995.00
2560092	400	550	24 / 29	24 / 29	5	1020.00
2560095	500	650	24 / 29	24 / 29	5	1285.00



2640 - FRIEDRICH CONDENSER

With Drip Tip

Product Code	Approx Jacket Length mm	Ground Joint		Quantity Per Case	Price / Piece ₹
		Socket	Cone		
2640097	350	24 / 29	24 / 29	5	3990.00



2641 - DOUBLE SURFACE CONDENSER

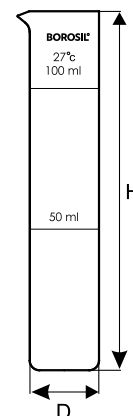
Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint	Quantity Per Case	Price / Piece ₹
2641087	200	345	19 / 26	5	2540.00
2641187	200	360	24 / 29	5	2705.00
2641090	300	454	19 / 26	5	3345.00
2641190	300	450	24 / 29	5	3655.00

The above condensers are widely used in research labs. A double-surface condenser has a water jacket both on the outside and through the centre of the condensing tube. It is needed where the condensed liquid is very volatile. Hence for distilling ethers, alcohols, esters, aromatics, petroleum products and essential oils these condensers are widely used.

Cylinders

2975 - NESSLER CYLINDERS

Product Code	Capacity ml	Approx O.D. x Height	Tolerance \pm ml	Quantity Per Case mm	Price / Piece ₹
2975012	50	25 x 150	0.40	20	215.00
2975016	100	34 x 180	0.80	30	310.00



2981 - CYLINDERS

Class A, Hexagonal Base, with I/C Stopper, with Individual Calibration Certificate

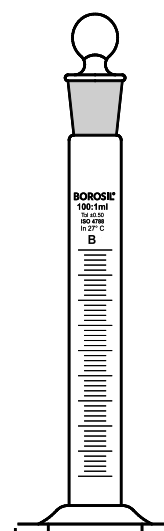
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
29810 05	5	0.1	0.05	10 / 19	5	895.00
29810 06	10	0.2	0.10	10 / 19	5	985.00
29810 09	25	0.5	0.25	14 / 23	10	1130.00
29810 12	50	1	0.50	14 / 23	10	1280.00
2981016	100	1	0.50	19 / 26	10	1500.00
2981021	250	2	1	24 / 29	5	2355.00
2981024	500	5	2.5	24 / 29	5	3025.00
2981029	1000	10	5	34 / 35	4	3700.00
2981030	2000	20	10	34 / 35	4	5885.00

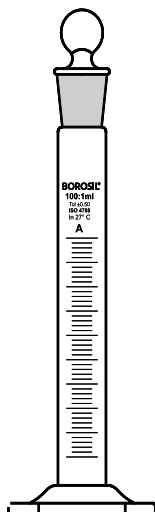


2982 - CYLINDERS

Class B, Hexagonal Base, with I/C Stopper

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
2982005	5	0.1	0.1	10 / 19	5	475.00
2982006	10	0.2	0.2	10 / 19	5	505.00
2982009	25	0.5	0.5	14 / 23	10	565.00
2982012	50	1	1	14 / 23	10	635.00
2982016	100	1	1	19 / 26	10	780.00
2982021	250	2	2	24 / 29	10	1320.00
2982024	500	5	5	24 / 29	5	1835.00
2982029	1000	10	10	34 / 35	4	2645.00
2982030	2000	20	20	34 / 35	4	4575.00





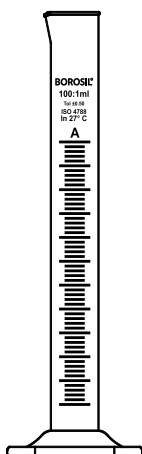
2983 - CYLINDERS

USP, Class A, Hexagonal Base, with I/C Stopper, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
2983005	5	0.1	0.05	10 / 19	5	930.00
2983006	10	0.2	0.10	10 / 19	5	1075.00
2983009	25	0.5	0.17	14 / 23	10	1210.00
2983012	50	1	0.25	14 / 23	10	1440.00
2983016	100	1	0.50	19 / 26	10	1610.00
2983021	250	2	1	24 / 29	5	2590.00
2983024	500	5	2	24 / 29	5	3085.00
2983029	1000	10	3	34 / 35	4	3805.00
2983030	2000	20	6	34 / 35	4	7130.00

3021 - CYLINDERS

Class A, Hexagonal base, Pour out, with Individual Calibration Certificate

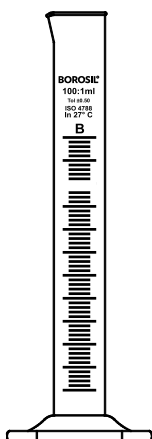


Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
3021005	5	0.1	0.05	5	540.00
3021006	10	0.2	0.1	5	615.00
3021008	20*	1	0.25	10	785.00
3021009	25	0.5	0.25	10	710.00
3021012	50	1	0.5	10	860.00
3021016	100	1	0.5	10	975.00
3021018	150*	2	1	5	1295.00
3021021	250	2	1	10	1435.00
3021024	500	5	2.5	5	2005.00
3021029	1000	10	5	4	2445.00
3021030	2000	20	10	4	4755.00

* As per Borosil standards.

3022 - CYLINDERS

Class B, Hexagonal base, Pour out



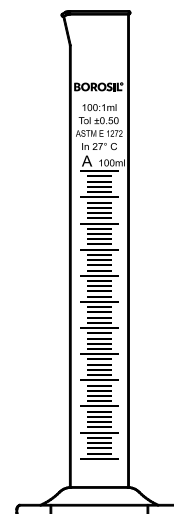
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
3022005	5	0.1	0.1	5	295.00
3022006	10	0.2	0.2	5	355.00
3022009	25	0.5	0.5	10	410.00
3022012	50	1	1	20	445.00
3022016	100	1	1	20	505.00
3022018	150*	2	2	5	700.00
3022021	250	2	2	10	935.00
3022024	500	5	5	5	1220.00
3022029	1000	10	10	4	1850.00
3022030	2000	20	20	4	3550.00

*150 ml Not covered in any standards.

3026 - CYLINDERS

ASTM, Class A, Hexagonal base, Pour out,
with Individual Calibration Certificate

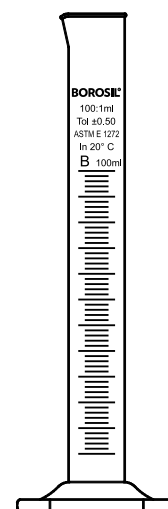
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
3026005	5	0.1	0.05	5	640.00
3026006	10	0.2	0.10	5	740.00
3026009	25	0.5	0.17	5	835.00
3026012	50	1	0.25	5	995.00
3026016	100	1	0.50	5	1110.00
3026021	250	2	1	5	1615.00
3026024	500	5	2	4	2125.00
3026029	1000	10	3	4	2625.00
3026030	2000	20	6	4	4915.00



3027 - CYLINDERS

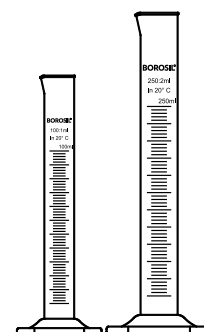
ASTM, Class B, Hexagonal base, Pour out

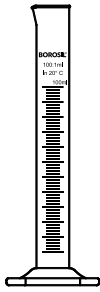
Till stock lasts					
Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
3027005	5	0.1	0.1	5	375.00
3027006	10	0.2	0.2	5	425.00
3027009	25	0.5	0.34	10	505.00
3027012	50	1	0.5	10	565.00
3027016	100	1	1	10	615.00
3027021	250	2	2	10	1080.00
3027024	500	5	4	5	1345.00
3027029	1000	10	6	4	2000.00
3027030	2000	20	12	4	3690.00



3032 - TAPPED DENSITY CYLINDER

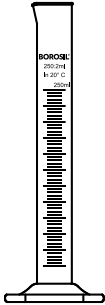
Product Code	Capacity ml	Quantity Per Case Set	Price / Set ₹
3032041	100 & 250	1 Each	3000.00





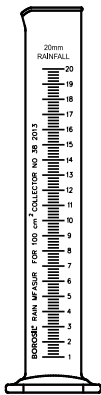
3033 - TAPPED DENSITY CYLINDER

Product Code	Capacity ml	Quantity Per Case Set	Price / Piece ₹
3033016	100	2	1565.00



3034 - TAPPED DENSITY CYLINDER

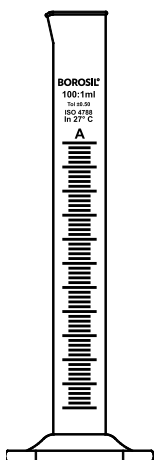
Product Code	Capacity ml	Quantity Per Case Set	Price / Piece ₹
3034021	250	2	1800.00



3070 - RAIN MEASURE CYLINDERS

Round base

Product Code	Size mm	Used For Collector Area cm ²	Graduation Interval mm	Tolerance ± ml	Quantity Per Case	Price / Piece ₹
3070096	20	200	0.2	0.05	5	1350.00
3070098	20	100	0.2	0.10	10	1580.00



2010 - CYLINDERS

NABL Certified, Class A, Hexagonal base, Pour out, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	Quantity Per Case	Price / Piece ₹
2010005	5	0.1	0.05	1	1285.00
2010006	10	0.2	0.10	1	1355.00
2010009	25	0.5	0.25	1	1610.00
2010012	50	1	0.50	1	1905.00
2010016	100	1	0.50	1	2150.00
2010018	150*	2	1	1	2890.00
2010021	250	2	1	1	3260.00
2010024	500	5	2.5	1	4435.00
2010029	1000	10	5	1	5485.00
2010030	2000	20	10	1	10510.00

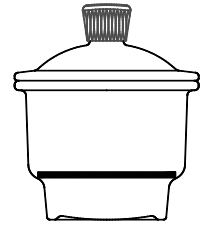
* 150 ml not covered in standard.

3082 - DESICCATOR SET

With Cover & Porcelain Plate

Product Code	Nominal Diameter mm	Approx Flange OD mm	Approx Total Height mm	Quantity Per Case	Price / Piece ₹
3082041	100	153	173	1	8945.00
3082042	150	213	205	1	10440.00
3082043	200	272	272	1	14555.00
3082044	250	333	323	1	18590.00
3082045	300	395	344	1	25655.00

Spare cover and porcelain plate available on request

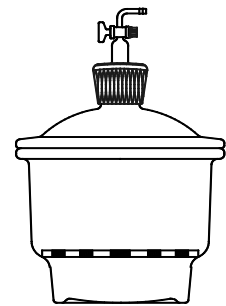


3083 - VACUUM DESICCATOR SET

With Cover & Porcelain Plate

Product Code	Nominal Diameter mm	Approx Flange OD mm	Total Height mm	Quantity Per Case	Price / Piece ₹
3083041	100	153	173	1	13705.00
3083042	150	213	205	1	20615.00
3083043	200	272	272	1	23140.00
3083044	250	333	323	1	32120.00
3083045	300	395	344	1	40355.00

Spare cover, porcelain plate and stopcock available on request

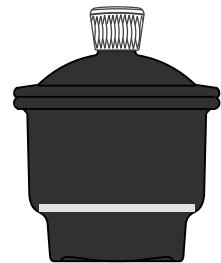


3084 - DESICCATOR SET

With Cover & Porcelain Plate Amber

Product Code	Nominal Diameter mm	Approx Flange OD mm	Total Height mm	Quantity Per Case	Price / Piece ₹
3084041	100	153	173	1	11825.00
3084042	150	213	205	1	13550.00
3084043	200	272	272	1	17465.00
3084044	250	333	323	1	22190.00
3084045	300	395	344	1	34725.00

Spare cover and porcelain plate available on request

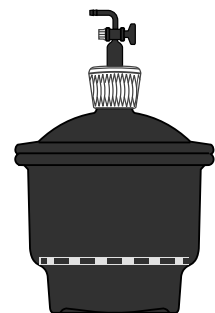


3085 - VACUUM DESICCATOR SET

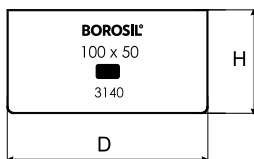
With Cover & Porcelain Plate, Amber

Product Code	Nominal Diameter mm	Approx Flange OD mm	Total Height mm	Quantity Per Case	Price / Piece ₹
3085041	100	153	173	1	21490.00
3085042	150	213	205	1	27600.00
3085043	200	272	272	1	30165.00
3085044	250	333	323	1	43470.00
3085045	300	395	344	1	48765.00

Spare cover, porcelain plate and stopcock available on request

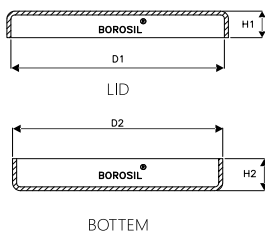


Dishes



3140 - CRYSTALLIZING DISHES

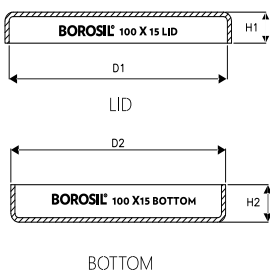
Product Code	Approx O.D. x Height mm	Approx Capacity ml	Quantity Per Case	Price / Piece ₹
3140077	100 x 50	330	10	545.00
3140081	150 x 75	1150	10	950.00
3140086	190 x 100	2500	4	1580.00



3160 - PETRI DISHES (3.3 Borosilicate)

Product Code	Size mm	LID Approx I.D. (D1) x Height (H1) mm	Bottom Approx O.D. (D2) x Height (H2) mm	Quantity Per Case	Price / Piece ₹
3160065	50 x 17	53 x 15	50 x 17	100	225.00
3160072	80 x 17	83 x 15	80 x 17	100	290.00
3160077	100 x 17#	103 x 15	100 x 17#	100	340.00
3160081	150 x 20	153 x 17	150 x 20	40	835.00
3160087	200 x 20	203 x 20	200 x 20	10	1800.00

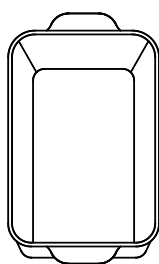
Not covered in standard



3165 - S LINE PETRI DISHES

Product Code	Size mm	LID Approx I.D. (D1) x Height (H1) mm	Bottom Approx O.D. (D2) x Height (H2) mm	Quantity Per Case	Price / Piece ₹
3165065	50 x 12	46 x 8	44 x 12	100	100.00
3165072	80 x 15	76 x 12	74 x 15	100	115.00
3165A75	90 x 15	86 x 12	84 x 15	100	115.00
3165077	100 x 15	96 x 12	94 x 15	100	115.00
3165A77	100 x 20	96 x 15	94 x 20	100	175.00
3165081	150 x 25	143 x 18	141 x 25	40	270.00
3165087	200 x 30	195 x 24	192 x 30	10	575.00

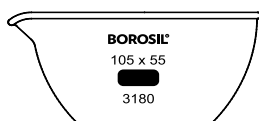
3170 - DRYING TRAYS



Product Code	Approx Dimension mm	Approx Capacity ml	Quantity Per Case	Price / Piece ₹
3170044	320 x 180 x 51	1500	5	685.00
3170043	350 x 200 x 58	2400	5	960.00
3170042	386 x 217 x 63	3000	5	1335.00
3170041	404 x 257 x 61	3500	5	1600.00

3180 - FLAT BOTTOM EVAPORATING DISHES

With Spout



Product Code	Approx Dimension mm	Approx Capacity ml	Quantity Per Case	Price / Piece ₹
3180072	80 x 45	165	10	470.00
3180078	105 x 55	290	10	660.00
3180081	150 x 80	855	10	1235.00
3180087	200 x 100	1790	8	2270.00

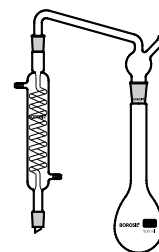
Distilling Apparatus

3340-DISTILLING APPARATUS

With Graham Condenser And Interchangeable Joints

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3340024	500	2 Set	3930.00

Spare parts available on request

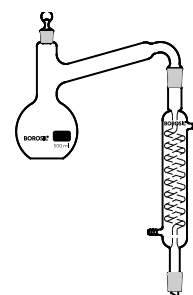


3360-DISTILLING APPARATUS

With Graham Condenser, Interchangeable Joints and Stopper

Product Code	Capacity ml	Condenser Jacket mm	Inter-changeable Joint	Quantity Per Case	Price / Piece ₹
3360024	500	200	19 / 26	2 Set	3935.00

Spare parts available on request

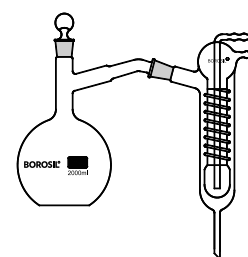


3380- DISTILLING APPARATUS

with Friedrichs Condenser, Interchangeable Joint and Stopper

Product Code	Capacity ml	Interchange-able Joint	Quantity Per Case	Price / Piece ₹
3380030	2000	24 / 29	1 Set	5380.00

Spare parts available on request

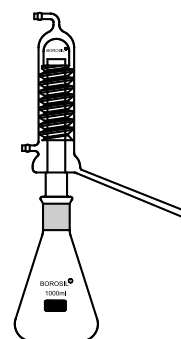


3440-DISTILLING APPARATUS

with Friedrichs Condenser, Interchangeable Joint

Product Code	Capacity ml	Interchange-able Joint	Quantity Per Case	Price / Piece ₹
3440029	1000	34 / 35	2 Set	5030.00

Spare parts available on request

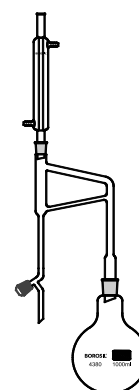


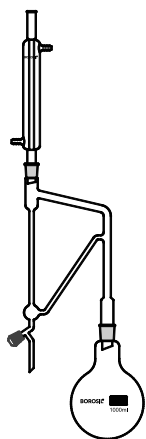
3450-ESSENTIAL OIL DETERMINATION APPARATUS

(Clevenger Apparatus), As per IS 1797

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3450029	1000	1 Set	9055.00
3450030	2000	1 Set	On request
3450033	5000	1 Set	On request
3450038	10000	1 Set	On request
3450040	20000	1 Set	On request

Spare parts available on request

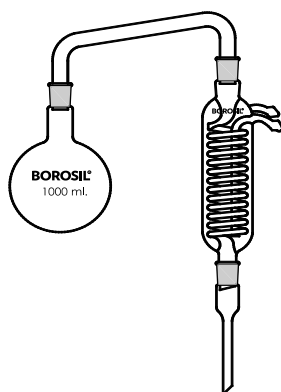




3451-ESSENTIAL OIL DETERMINATION APPARATUS (Clevenger Apparatus)

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3451029	1000	1 Set	9055.00
3451030	2000	1 Set	On request
3451033	5000	1 Set	On request
3451038	10000	1 Set	On request
3451040	20000	1 Set	On request

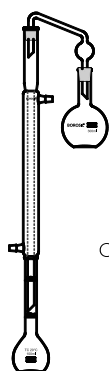
Spare parts available on request



3452 - ALCOHOL DISTILLATION UNIT

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3452029	1000	1 Set	11255.00

Spare parts available on request



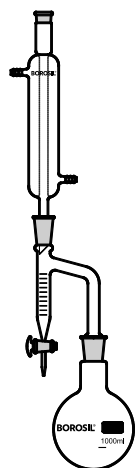
Cat No. 3454A22

3454 - R M VALUE APPARATUS

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3454022	300	1	2965.00
3454A22*	300	1	4200.00

* s per IS 548 Part I Standard

Spare parts available on request



3602- DEAN STARK DISTILLING APPARATUS

As per IP

Product Code	Capacity of Receiver ml	Quantity Per Case	Price / Piece ₹
3602006	10	2 Set	3175.00

Spare parts available on request

Receiver 5ml / 10 ml graduated with 19 / 26 outer joint and 24 / 29 inner joint, note: 10 ml receiver is graduated from 1 ml to 10 ml in 0.1 ml intervals
Round bottom flask 1000 ml with 24 / 29 outer joint
Liebig condenser 200 mm with 19 / 26 joint

ON DEMAND DISTILLATION UNIT

Single Stage & Two Stage Distillation Units

TECHNICAL DATA & ORDERING INFORMATION

Model Name	SDU1500	SDU2500	SDU4000	DDU1500	DDU2500	DDU4000
Capacity Distilled Water Output	1.5 LPH	2.5LPH	4LPH	1.5 LPH	2.5LPH	4LPH
Minimum cooling water requirement (Ltr/min)	1	1.5	2	1	1.5	2
Heater	Quartz	Quartz	Quartz	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶
Power consumption (kw)	1.5kW	2.2kW	3.5kW	3kW	4.4kW	7kW
Voltage (V)	230V	230V	230V	230V	230V	230V
Dimensions (L x B x H) in mm	640x255x440	650x255x440	650x255x440	650x630x520	650x630x520	650x630x520
Ordering Information	SDU1500000	SDU2500000	SDU4000000	DDU1500000	DDU2500000	DDU4000000
List Price	41900.00	58400.00	65000.00	66200.00	107500.00	116900.00

HSN Code : 84198990

* Inlet water TDS < 100 ppm



LIST OF SPARES

Description	SAP Code	List Price
Ceramic Heater_ Quartz tube-1.5 L Accs	BLA0CRH12KW15LHQRT	11470.00
Ceramic Heater_ Quartz tube-2.5 L Accs	BLA0CRH02KW25LHQRT	12580.00
Ceramic Heater_ Quartz tube-4 L Accs	BLA0CRH03KW04LHQRT	17020.00
WDU 1.5 Ltr Boiler ACCS	BLAPSDU1500BOIL000	11470.00
WDU 2.5 Ltr Boiler ACCS	BLAPSDU2500BOIL000	14060.00
WDU 4.0 LTR Boiler ACCS	BLAPSDU4000BOIL000	17760.00
1.5 Ltr Condenser ACCS	BLAPSDU1500CON0000	8140.00
2.5 Ltr Condenser ACCS	BLAPSDU2500CON0000	12580.00
4.0 Ltr Condenser ACCS	BLAPSDU4000CON0000	15170.00
SDU PCB ASM ACCS	BLA0PCB00000SDU150	6250.00
DDU PCB ASM ACCS	BLA0PCB00000DDU0ASM	6550.00

MONO QUARTZ DISTILLATION UNITS

Manufactured from quartz, providing quick & continuous purified water with smaller foot print in laboratories

TECHNICAL DATA & ORDERING INFORMATION

Model Name	3363042	3363043	3363038	3364042	3364033
Capacity Distilled Water Output	2.5 LPH	5 LPH	10LPH	2.5LPH	5LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5	1	2
Heater	Quartz	Quartz	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz	Quartz	Quartz
Condenser	Boro 3.3	Boro 3.3	Boro 3.3	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶
Power consumption (kw)	2.2 kW	4.4kW	8.8 kW	2.2 kW	4.4 kW
Voltage (V)	230V	230V	440V - 3Phase	230V	230V
Ordering Information	3363042	3363033	3363038	3364042	3364033
List Price	40600.00	75600.00	172700.00	68900.00	132100.00
Accessory - DAPS Code	3366342	3366333	3366338	3366442	3366433
DAPS List Price	13900.00	15500.00	28700.00	13900.00	15400.00

HSN Code : 84194090

* Inlet water TDS < 100 ppm

LIST OF SPARES

Description	SAP Code	List Price
Quartz Boiler 2.5LPH	363012	28300.00
Quartz Boiler 5LPH	363032	55800.00
Quartz Boiler 10LPH	363S02	97800.00
Borosilicate Condenser 2.5LPH	362022	5400.00
Borosilicate Condenser 5LPH	0363S00	18400.00
Borosilicate Condenser 10LPH	0363S03	37300.00
Quartz Condenser 2.5LPH	364023	28100.00
Quartz Condenser 5LPH	364S01	64700.00



WATER SOFTENER

Used in sodium form to remove hardness due to Ca & Mg ions & effective for water where hardness is 200-300 ppm max.

TECHNICAL DATA & ORDERING INFORMATION

Description	Product Code	List Price
Water Softener	BT603367000	23600.00

HSN Code : 84798999



ALL QUARTZ DOUBLE DISTILLATION UNIT

All quartz innovative & compact design offers consistent purified water in two distillation stages

TECHNICAL DATA & ORDERING INFORMATION

Model name	3365041	3365042	3365033
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	5 LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5
Heater	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz
Condenser	Quartz	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶
Power consumption (kw)	3 kW	4.4kW	8.8 kW
Voltage (V)	230V	230V	440V - 3Phase
Ordering Information	3365041	3365042	3365033
List Price	102700.00	206600.00	377000.00
Accessory - DAPS	3366541	3366542	3366533
DAPS List Price	14700.00	15400.00	29100.00

HSN Code : 84194090

* Inlet water TDS < 100 ppm

LIST OF SPARES

Description	SAP Code	List Price
Quartz Boiler 1.5LPH	362013	29200.00
Quartz Boiler 2.5LPH	362014	36500.00
Quartz Boiler 5LPH	0362S04	57400.00
Quartz Secondary Boiler - Condenser 1.5LPH	362015	91400.00
Quartz Secondary Boiler - Condenser 2.5LPH	362016	127200.00
Quartz Secondary Boiler - Condenser 5LPH	0363S05	245800.00
Receiving Adapter with Spring	362063	2000.00
Silicon "O" Ring	362052	600.00



SILICONE TUBING FOR DISTILLATION UNIT & LABORATORY APPLICATION

Silicone tubing is used for laboratory and industrial applications only. It should not be used for implants, human reproductive system and other medical applications.



TECHNICAL DATA & ORDERING INFORMATION

Product Code	Size mm	Quantity per case	HSN Code	List Price
3369001	4 mm ID x 7 mm OD	1	40091100	1700.00
3369002	6 mm ID x 9 mm OD	1	40091100	2200.00
3369003	8 mm ID x 12 mm OD	1	40091100	4600.00
3369004	10 mm ID x 14 mm OD	1	40091100	5700.00

HSN Code : 40091100



Features

- Multi data device
- Vibration free transparent casing
- Easy handling
- Easy sampling
- Easy data process
- No air contamination because the sample is jacketed within respective bulbs
- Boon for physicochemical characterization of volatile, inflammables, carcinogenic liquids
- Eco-friendly
- Homogeneous Temperature control

Cat. No.	Description	Quantity Per Case	Price ₹
3453	Borosil Mansingh Survismeter For Measurement of surface Tension and Viscosity	1 Set	117000.00

For centuries, surface tension (γ) and viscosity (η) data have been measured using separate instruments, resulting in wastage of time and materials. Made of Borosil Glass material, Borosil Mansingh Survismeter has been designed to measure surface tension, interfacial tension, wetting coefficient, viscosity and friccohesity data to rationalise frictional and cohesive forces, respectively. Friccohesity focuses on a complete friccochemistry of giants and supramolecular mixtures. Borosil Mansingh Survismeter is a state-of-the-art apparatus for measurement of surface tension (± 0.01 mN/m), interfacial tension

(± 0.01 mN/m), viscosity ($\pm 10^{-4}$ mPa.S), wetting coefficient (± 0.01 mPa.cm²) friccohesity ($\pm 10^{-6}$ s/cm) and related physicochemical parameters generated from intramolecular electrostatical shifts.

Borosil Mansingh Survismeter, being a green science TSAD (Trusted Sustainable Analytical Device), measures the above mentioned PCI (PhysicoChemical Indicators), while simultaneously saving 98% of experimental resources, infrastructure and skilled manpower, for interacting and reacting molecular materials.

A breakthrough in laboratory instruments, Borosil Mansingh Survismeter has wider analytical potential for quality control and formulations in material applied sciences. It has unique essential facilities and cutting edge features based on 'On & Off' or '0 & 1' circuitry functional loops.

Fundamentally, Borosil Mansingh Survismeter measures surface tension, interfacial tension, wetting coefficient, viscosity and friccohesity simultaneously of aqueous, non-aqueous, aprotic dipolar, polar, protic polar and non-polar solvents and mixtures within wider ranges.

- The absolute and relative parameters are measured with 95.5% CV (Confidence Variance).
- It works on the theory of R4M4 [Reduce Reuse Recycle Redesign - Multipurpose Multidimensional Multifaceted Multitracking of materials and methods with highly précised and accurate experimental results, along with 100% inhibition of polluting discharges in experimental determinations.

- The parameters measured with Borosil Mansingh Survisimeter are highly significant and reliable for quality analysis of pharmaceuticals, biochemicals, cosmetics, agrochemicals, food and beverages, petroleum and oils, polymer and proteins, sol gels, soaps and detergents, inks, colloids, emulsion technology, pesticides, agrochemicals, insecticides, cutting oils, lubricating, viscous, moderately viscous and highly viscous materials.
- It is especially useful for characterising liquid mixtures of biopolymers, supramolecular chemistry, biotechnological processes and molecular interaction engineering of biomolecular devices, tracking interaction molecular forces, water binding capacities and structural changes during processes.
- It explains the features of Intramolecular Multiple Force Theory (IMMFT) applicable to giant supramolecules, dendrimers and biocomplexes used in several adverse temperature and pressure conditions.
- Borosil Mansingh Survisimeter is an asset in case of volatile, moderately and highly volatile liquids and mixtures, volatile organic compounds, flammable liquids and carcinogenic materials as the samples are completely jacketed especially for surface tension, interfacial tension and wetting coefficient determinations.

Merits of Borosil Mansingh Survisimeter :

- Fast and multipurpose technology
- Eco-friendly and user-friendly
- Reduces fabrication expenditure
- Reduces the need for glass blowing gases, oxygen gas, LPG and manpower
- Reduces emission of heat into the environment
- Ensures safety during transport and maintenance
- Reduces chemicals and solvents greatly
- Contributes to the promotion of green chemistry
- Innovative for youngsters
- No wastage of the sample
- Requires a smaller sample
- Less time required for analysis
- Requires no basic maintenance
- Non-destructive
- Reduces cleaning reagents
- Reduces the number of operational steps in measurement
- Minimises the infrastructure as compared to individual devices

Industrial Applications

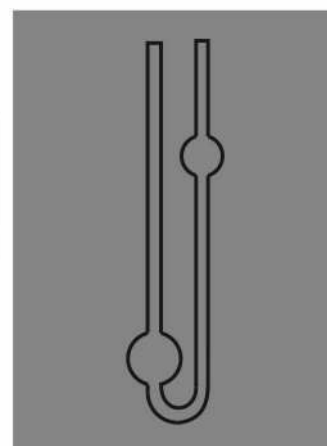
Industries such as cosmetics, soaps and detergents, petroleum and oils, pesticides, beverages, textiles, paints, polymers and textiles, paper pulp, ink and dyes, medicines and drugs, food and mineral water, and coolants and lubricants will directly benefit from the use of Borosil Mansingh Survisimeter.

Viscometer

3500-VISCOMETER COLLEGE PATTERN Oswal 80 -100 Seconds, Uncertified

Product Code	Size	Nominal Constant	Viscosity Range (CS)	Quantity Per Case	Price / Piece ₹
3500	○	0.001	0.3 - 3	1	2035.00

- Supplied without Certificate

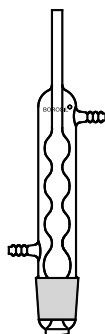


Extractors



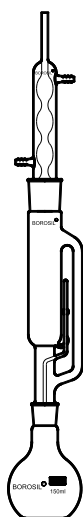
3740 - SOXHLET FOR EXTRACTION APPARATUS

Product Code	Capacity ml	Interchangeable Joints		Quantity Per Case	Price / Piece ₹
		Socket	Cone		
3740013	60	34 / 35	24 / 29	5	950.00
3740016	100	40 / 38	24 / 29	5	1345.00
3740020	200	50 / 42	24 / 29	5	1620.00



3741 - CONDENSER FOR EXTRACTION APPARATUS

Product Code	Capacity ml	Interchangeable Joints Cone	Quantity Per Case	Price / Piece ₹
3741013	Small	34 / 35	5	775.00
3741016	Medium	40 / 38	5	970.00
3741020	Large	50 / 42	5	1400.00

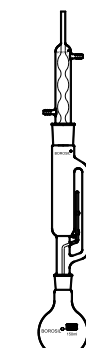


3840 - SOXHLET EXTRACTION APPARATUS SET

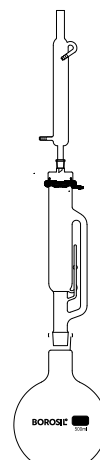
Product Code	Capacity ml	Flask Size ml	Quantity Per Case	Price / Piece ₹
3840013	60	150	1	1975.00
3840016	100	250	1	2325.00
3840020	200	500	1	3830.00
3840024	500*	2000	1	13885.00
3840029	1000*	3000	1	20740.00
3840030	2000*	5000	1	35015.00

Spares are available on request

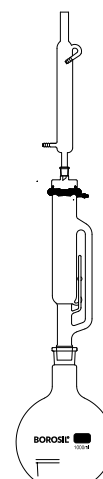
For flask refer Product Code 4100
 * Extractor Supplied are with double surface condenser for higher cooling capacity & flange type soxhlet extractors



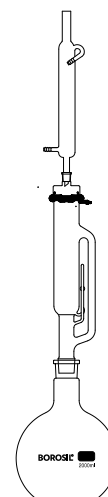
60 ml - 200 ml



500 ml



1000 ml



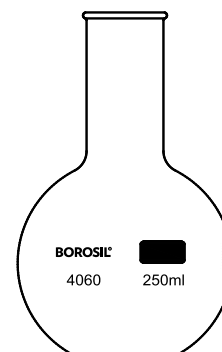
2000 ml

Flasks

4060 - FLAT BOTTOM FLASK Narrow Mouth

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
4060009	25**	42 x 90	20	50	110.00
4060012	50	51 x 90	26	50	130.00
4060016	100	64 x 105	26	80	140.00
4060018	150**	75 x 132	28	10	155.00
4060021	250	85 x 140	34	80	165.00
4060022	*300**	88 x 160	24	20	230.00
4060024	500	105 x 165	34	40	270.00
4060029	1000	131 x 190	42	20	420.00
4060030	2000	166 x 230	50	2	800.00
4060031	3000	186 x 300	50	4	2170.00
4060033	5000	224 x 320	58	2	3335.00
4060034	6000	236 x 315	65	1	4820.00
4060038	10000	279 x 360	65	1	7780.00
4060040	20000	350 x 495	78	1	12950.00

* Suitable for use in Polenske Apparatus** Not covered in standards

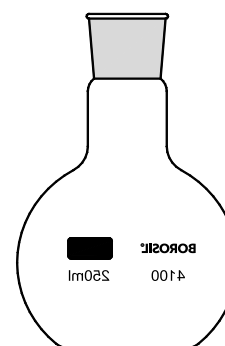


4100 - FLAT BOTTOM FLASK

Narrow Mouth, Short Neck With I/C Joint

Product Code	Capacity ml	Interchangeable Joint	Approx Height mm	Quantity Per Case	Price / Piece ₹
4100018	150	24 / 29	115	5	245.00
4100021	250	24 / 29	130	5	265.00
4100024	500	24 / 29	160	5	375.00
4100029	1000*	34 / 35	288	2	495.00
4100030	2000*	34 / 35	321	2	880.00
4100031	3000*	34 / 35	345	2	2410.00
4100033	5000*	34 / 35	381	2	4100.00

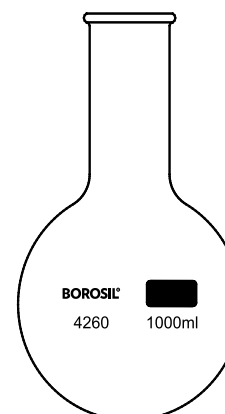
* These are specific flasks with long neck 34/35 joint used in jewellery manufacturers

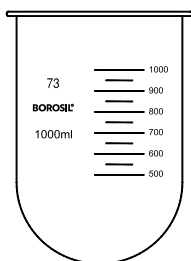


4260 - ROUND BOTTOM FLASK Narrow Mouth

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
4260009	25**	42 x 90	22	50	110.00
4260012	50	51 x 95	26	70	125.00
4260016	100	64 x 110	26	50	140.00
4260018	150**	75 x 137	28	10	155.00
4260021	250	85 x 143	34	80	155.00
4260024	500	105 x 168	34	40	270.00
4260029	1000	131 x 200	42	20	365.00
4260030	2000	166 x 240	51	2	810.00
4260031	3000	187 x 305	50	2	2125.00
4260033	5000	224 x 350	58	2	3295.00
4260034	6000	236 x 330	65	1	4305.00
4260038	10000	279 x 380	65	1	6885.00
4260040	20000	350 x 505	78	1	12900.00

** Not covered in standards

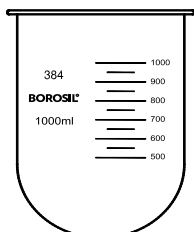




4265 - DISSOLUTION E-FLASK

Clear, USP, With Certificate

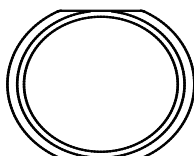
Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
4265029	1000	131 x 173	6	3125.00



4266 - DISSOLUTION L-FLASK

Clear, USP, With Certificate

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
4266029	1000	124 x 173	6	3335.00



4267 - DISSOLUTION E-FLASK

Amber, USP, With Certificate

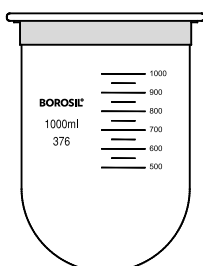
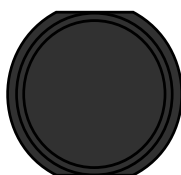
Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
4267029	1000	131 x 173	6	5630.00



4268 - DISSOLUTION L-FLASK

Amber, USP, With Certificate

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
4268029	1000	124 x 173	6	6170.00



4270 - DISSOLUTION D-FLASKS

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
4270029	1000	132 x 168	6	11470.00

4315 - PEAR SHAPE FLASK

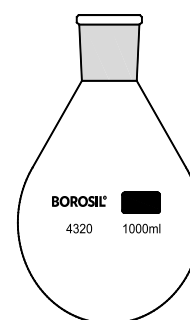
With I/C Joint

Product Code	Capacity ml	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
4315005	5	10 / 19	10	175.00
4315105	5	14 / 23	10	175.00
4315006	10	10 / 19	10	190.00
4315106	10	14 / 23	10	190.00
4315009	25	14 / 23	5	210.00
4315012	50	14 / 23	10	235.00

**4320 - ROTARY EVAPORATOR FLASK**

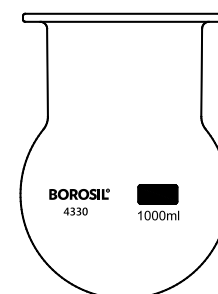
With I/C Joint

Product Code	Capacity ml	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
4320112	50	24 / 29	2	1135.00
4320012	50	29 / 32	2	1200.00
4320116	100	24 / 29	2	1800.00
4320016	100	29 / 32	2	1925.00
4320121	250	24 / 29	2	2710.00
4320021	250	29 / 32	2	2855.00
4320124	500	24 / 29	2	3100.00
4320024	500	29 / 32	2	3220.00
4320129	1000	24 / 29	2	5475.00
4320029	1000	29 / 32	2	5605.00
4320130	2000	24 / 29	2	7060.00
4320030	2000	29 / 32	2	7240.00

**4330 - REACTION VESSEL FLASK**

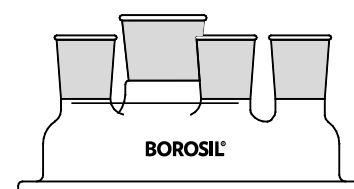
Wide Mouth With Flange

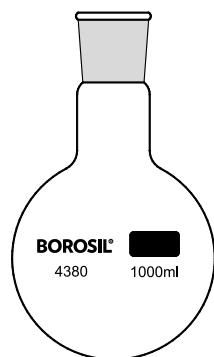
Product Code	Capacity ml	Approx Height mm	Quantity Per Case	Price / Piece ₹
4330029	1000	170	2	2000.00
4330030	2000	205	2	2715.00
4330033	5000	260	2	5945.00
4330038	10000	335	1	12550.00
4330040	20000	400	1	21595.00

**4331 - LID FOR REACTION VESSEL FLASK**

(Cat. No. 4330)

Product Code	Interchangeable Joint Size					Quantity Per Case	Price / Piece ₹
	Centre	Parellel	Side 50°	Side 10°	Side 15°		
4331 Z97	19 / 26	19 / 26	24 / 29	19 / 26	-	2	4680.00
4331 Z98	19 / 26	14 / 23	14 / 23	14 / 23	29 / 32	2	4680.00
4331 Z99	29 / 32	14 / 23	14 / 23	14 / 23	29 / 32	2	4680.00





4380 - ROUND BOTTOM FLASK

Narrow Mouth, Short Neck With I/C Joint

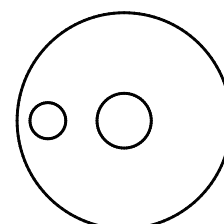
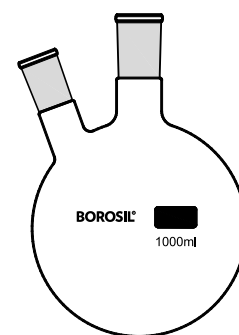
Product Code	Capacity ml	Approx Height mm	Interchangeable Joint	Quantity Per Case	Price / Piece ₹
4380A05	5	60	14 / 23	10	210.00
4380A06	10	70	14 / 23	10	210.00
4380A09	25	80	14 / 23	10	210.00
4380B09	25	77	19 / 26	10	210.00
4380A12	50	95	14 / 23	5	210.00
4380B12	50	95	19 / 26	5	210.00
4380C12	50	95	24 / 29	5	210.00
4380D12	50	95	29 / 32	5	210.00
4380E12	50	95	34 / 35	5	210.00
4380A16	100	120	14 / 23	20	210.00
4380B16	100	120	19 / 26	20	210.00
4380C16	100	120	24 / 29	20	210.00
4380D16	100	120	29 / 32	20	210.00
4380E16	100	120	34 / 35	20	210.00
4380A21	250	140	14 / 23	20	270.00
4380B21	250	140	19 / 26	20	270.00
4380C21	250	140	24 / 29	20	270.00
4380D21	250	140	29 / 32	20	270.00
4380E21	250	140	34 / 35	20	270.00
4380A24	500	170	14 / 23	10	380.00
4380B24	500	170	19 / 26	10	380.00
4380C24	500	170	24 / 29	10	380.00
4380D24	500	170	29 / 32	10	380.00
4380E24	500	170	34 / 35	10	380.00
4380A29	1000	210	19 / 26	10	515.00
4380B29	1000	210	24 / 29	10	515.00
4380C29	1000	210	29 / 32	10	515.00
4380D29	1000	210	34 / 35	10	515.00
4380E29	1000	210	45 / 40	10	515.00
4380F29	1000	210	55 / 44	10	515.00
4380A30	2000	240	24 / 29	4	995.00
4380B30	2000	240	29 / 32	4	995.00
4380C30	2000	240	34 / 35	4	995.00
4380D30	2000	240	45 / 40	4	995.00
4380A31	3000	240	24 / 29	4	2795.00
4380B31	3000	265	29 / 32	4	2795.00
4380C31	3000	265	34 / 35	4	2795.00
4380D31	3000	265	45 / 40	4	2795.00
4380E31	3000	265	55 / 44	4	2795.00
4380A33	5000	300	24 / 29	2	4270.00
4380B33	5000	300	29 / 32	2	4270.00
4380C33	5000	300	34 / 35	2	4270.00
4380D33	5000	300	45 / 40	2	4270.00
4380E33	5000	300	55 / 44	2	4270.00
4380A38	10000	385	34 / 35	1	8625.00
4380B38	10000	385	45 / 40	1	8625.00
4380C38	10000	385	55 / 44	1	8625.00
4380A40	20000	435	55 / 44	1	14925.00

4381 - ROUND BOTTOM FLASK

2 Necks, Angular

Product Code	Capacity ml	Interchangeable Joint Size		Quantity Per Case	Price / Piece ₹
		Centre Neck	Side Neck		
4381A16	100	19 / 26	14 / 23	4	305.00
4381B16	100	24 / 29	14 / 23	4	305.00
4381C 16	100	24 / 29	19 / 26	4	305.00
4381A21	250	24 / 29	14 / 23	4	405.00
4381B21	250	24 / 29	19 / 26	4	405.00
4381A24	500	24 / 29	14 / 23	4	590.00
4381B24	500	24 / 29	19 / 26	4	590.00
4381A29	1000	24 / 29	14 / 23	2	730.00
4381B29	1000	24 / 29	19 / 26	2	730.00
4381A30	2000	24 / 29	14 / 23	2	1295.00
4381B30	2000	24 / 29	19 / 26	2	1295.00
4381C 30	2000	34 / 35	19 / 26	2	1295.00
4381A31	3000	34 / 35	19 / 26	2	3500.00
4381B31	3000	34 / 35	24 / 29	2	3500.00
4381A33	5000	34 / 35	19 / 26	1	5135.00
4381B33	5000	34 / 35	24 / 29	1	5135.00
4381A38	10000	34 / 35	24 / 29	1	9235.00
4381B38	10000	55 / 44	24 / 29	1	9235.00
4381A40	20000	55 / 44	24 / 29	1	15370.00

- Till stock lasts.
- Neck sizes and angles can be made as per customer specifications
- Delivery time 4 to 5 weeks from the date of confirmed order
- Prices will be quoted as per the required customer specifications



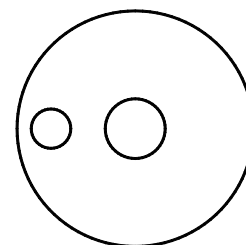
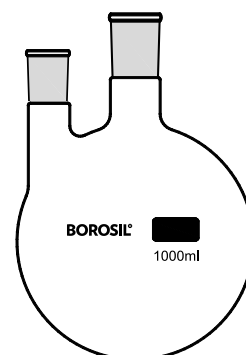
Top View

4382 - ROUND BOTTOM FLASK

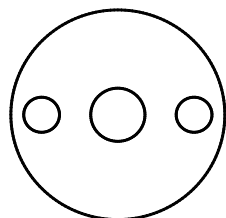
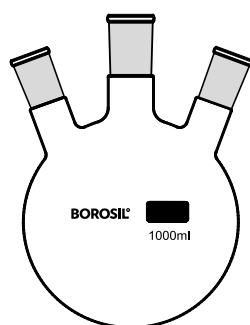
2 Necks, Parallel

Product Code	Capacity ml	Interchangeable Joint Size		Quantity Per Case	Price / Piece ₹
		Centre Neck	Side Neck		
4382A16	100	19 / 26	14 / 23	4	305.00
4382B16	100	24 / 29	14 / 23	4	305.00
4382C16	100	24 / 29	19 / 26	4	305.00
4382A21	250	24 / 29	14 / 23	4	405.00
4382B21	250	24 / 29	19 / 26	4	405.00
4382A24	500	24 / 29	14 / 23	4	590.00
4382B24	500	24 / 29	19 / 26	4	590.00
4382A29	1000	24 / 29	14 / 23	2	730.00
4382B29	1000	24 / 29	19 / 26	2	730.00
4382A30	2000	24 / 29	14 / 23	2	1295.00
4382B30	2000	24 / 29	19 / 26	2	1295.00
4382C30	2000	34 / 35	19 / 26	2	1295.00
4382A31	3000	34 / 35	19 / 26	2	3500.00
4382B31	3000	34 / 35	24 / 29	2	3500.00
4382A33	5000	34 / 35	19 / 26	1	5135.00
4382B33	5000	34 / 35	24 / 29	1	5135.00
4382A38	10000	34 / 35	24 / 29	1	9235.00
4382B38	10000	55 / 44	24 / 29	1	9235.00
4382A40	20000	55 / 44	24 / 29	1	15375.00

- Till stock lasts.
- Neck sizes and angles can be made as per customer specifications
- Delivery time 4 to 5 weeks from the date of confirmed order
- Prices will be quoted as per the required customer specifications



Top View



Top View

4383 - ROUND BOTTOM FLASK

3 Necks, Angular

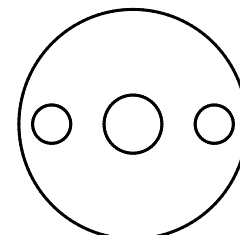
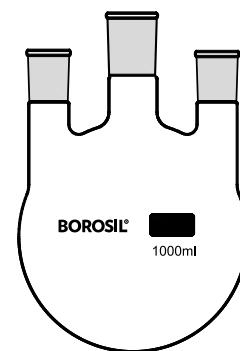
Product Code	Capacity ml	Interchangeable Joint Size			Quantity Per Case	Price / Piece ₹
		Centre Neck	Side Neck	Side Neck		
4383A16	100	19 / 26	14 / 23	14 / 23	4	425.00
4383B16	100	14 / 23	14 / 23	14 / 23	4	425.00
4383C16	100	24 / 29	14 / 23	14 / 23	4	425.00
4383D16	100	24 / 29	19 / 26	19 / 26	4	425.00
4383A21	250	19 / 26	14 / 23	14 / 23	4	540.00
4383B21	250	19 / 26	19 / 26	19 / 26	4	540.00
4383C21	250	24 / 29	14 / 23	14 / 23	4	540.00
4383D21	250	24 / 29	19 / 26	19 / 26	4	540.00
4383A24	500	19 / 26	14 / 23	14 / 23	4	810.00
4383B24	500	19 / 26	19 / 26	19 / 26	4	810.00
4383C24	500	24 / 29	14 / 23	14 / 23	4	810.00
4383D24	500	24 / 29	19 / 26	19 / 26	4	810.00
4383A29	1000	24 / 29	14 / 23	14 / 23	2	1000.00
4383B29	1000	24 / 29	19 / 26	19 / 26	2	1000.00
4383C29	1000	34 / 35	24 / 29	24 / 29	2	1000.00
4383D29	1000	34 / 35	19 / 26	19 / 26	2	1000.00
4383A30	2000	24 / 29	14 / 23	14 / 23	2	1810.00
4383B30	2000	24 / 29	19 / 26	19 / 26	2	1810.00
4383C30	2000	34 / 35	19 / 26	19 / 26	2	1810.00
4383D30	2000	34 / 35	24 / 29	24 / 29	2	1810.00
4383A31	3000	34 / 35	19 / 26	19 / 26	2	4510.00
4383B31	3000	34 / 35	24 / 29	24 / 29	2	4510.00
4383A33	5000	34 / 35	19 / 26	19 / 26	1	6375.00
4383B33	5000	34 / 35	24 / 29	24 / 29	1	6375.00
4383C33	5000	45 / 40	24 / 29	24 / 29	1	6375.00
4383A38	10000	34 / 35	19 / 26	19 / 26	1	12310.00
4383B38	10000	34 / 35	24 / 29	24 / 29	1	12310.00
4383C38	10000	45 / 40	24 / 29	24 / 29	1	12310.00
4383A40	20000	55 / 44	24 / 29	24 / 29	1	18460.00

- Till stock lasts.
- Neck sizes and angles can be made as per customer specifications
- Delivery time 4 to 5 weeks from the date of confirmed order
- Prices will be quoted as per the required customer specifications

4384 - ROUND BOTTOM FLASK

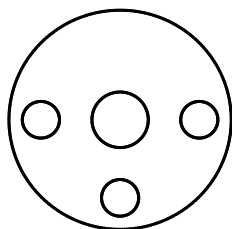
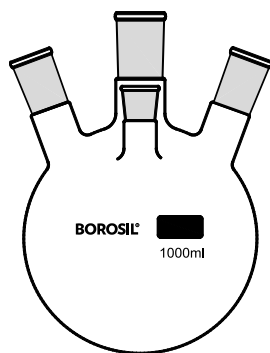
3 Necks, Parallel

Product Code	Capacity ml	Interchangeable Joint Size			Quantity Per Case	Price / Piece ₹
		Centre Neck	Side Neck	Side Neck		
4384A16	100	19 / 26	14 / 23	14 / 23	4	425.00
4384B16	100	14 / 23	14 / 23	14 / 23	4	425.00
4384C16	100	24 / 29	14 / 23	14 / 23	4	425.00
4384D16	100	24 / 29	19 / 26	19 / 26	4	425.00
4384A21	250	19 / 26	14 / 23	14 / 23	4	540.00
4384B21	250	19 / 26	19 / 26	19 / 26	4	540.00
4384C21	250	24 / 29	14 / 23	14 / 23	4	540.00
4384D21	250	24 / 29	19 / 26	19 / 26	4	540.00
4384A24	500	19 / 26	14 / 23	14 / 23	4	810.00
4384B24	500	19 / 26	19 / 26	19 / 26	4	810.00
4384C24	500	24 / 29	14 / 23	14 / 23	4	810.00
4384D24	500	24 / 29	19 / 26	19 / 26	4	810.00
4384A29	1000	24 / 29	14 / 23	14 / 23	2	1000.00
4384B29	1000	24 / 29	19 / 29	19 / 26	2	1000.00
4384C29	1000	34 / 35	24 / 29	24 / 29	2	1000.00
4384D29	1000	34 / 35	19 / 26	19 / 26	2	1000.00
4384A30	2000	24 / 29	14 / 23	14 / 23	2	1810.00
4384B30	2000	24 / 29	19 / 26	19 / 26	2	1810.00
4384C30	2000	34 / 35	19 / 26	19 / 26	2	1810.00
4384D30	2000	34 / 35	24 / 29	24 / 29	2	1810.00
4384A31	3000	34 / 35	19 / 26	19 / 26	2	4510.00
4384B31	3000	34 / 35	24 / 29	24 / 29	2	4510.00
4384A33	5000	34 / 35	19 / 26	19 / 26	1	6375.00
4384B33	5000	34 / 35	24 / 29	24 / 29	1	6375.00
4384C33	5000	45 / 40	24 / 29	24 / 29	1	6375.00
4384A38	10000	34 / 35	19 / 26	19 / 26	1	12310.00
4384B38	10000	34 / 35	24 / 29	24 / 29	1	12310.00
4384C38	10000	45 / 40	24 / 29	24 / 29	1	12310.00
4384A40	20000	55 / 44	24 / 29	24 / 29	1	18460.00



Top View

- Till stock lasts.
- Neck sizes and angles can be made as per customer specifications
- Delivery time 4 to 5 weeks from the date of confirmed order
- Prices will be quoted as per the required customer specifications



Top View

4385 - ROUND BOTTOM FLASK

4 Necks, Angular

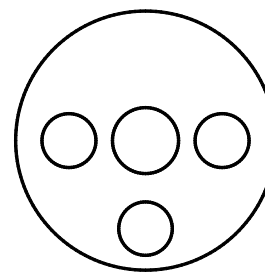
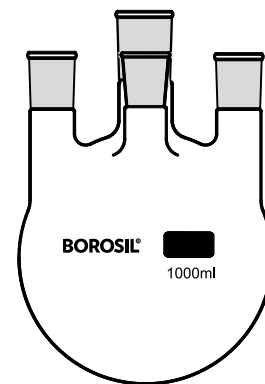
Product Code	Capacity ml	Interchangeable Joint Size		Quantity Per Case	Price / Piece ₹
		Centre Neck	Side Neck		
4385A12	50	24 / 29	24 / 29	4	600.00
4385A16	100	24 / 29	14 / 23	4	685.00
4385B16	100	24 / 29	19 / 26	4	685.00
4385A21	250	24 / 29	14 / 23	4	830.00
4385B21	250	24 / 29	19 / 26	4	830.00
4385A24	500	24 / 29	14 / 23	4	1180.00
4385B24	500	24 / 29	19 / 26	4	1180.00
4385C24	500	24 / 29	24 / 29	4	1180.00
4385D24	500	34 / 35	24 / 29	4	1180.00
4385A29	1000	24 / 29	14 / 23	2	1465.00
4385B29	1000	24 / 29	19 / 26	2	1465.00
4385C29	1000	24 / 29	24 / 29	2	1465.00
4385D29	1000	34 / 35	24 / 29	2	1465.00
4385A30	2000	24 / 29	14 / 23	2	2430.00
4385B30	2000	24 / 29	19 / 26	2	2430.00
4385C30	2000	34 / 35	19 / 26	2	2430.00
4385D30	2000	34 / 35	24 / 29	2	2430.00
4385A31	3000	34 / 35	19 / 26	2	5665.00
4385B31	3000	34 / 35	24 / 29	2	5665.00
4385A33	5000	34 / 35	19 / 26	1	7765.00
4385B33	5000	34 / 35	24 / 29	1	7765.00
4385A38	10000	55 / 44	24 / 29	1	13900.00
4385B38	10000	34 / 35	24 / 29	1	13900.00
4385A40	20000	55 / 44	24 / 29	1	20385.00

- Till stock lasts.
- Neck sizes and angles can be made as per customer specifications
- Delivery time 4 to 5 weeks from the date of confirmed order
- Prices will be quoted as per the required customer specifications

4386 - ROUND BOTTOM FLASK

4 Necks, Parallel

Product Code	Capacity ml	Interchangeable Joint Size		Quantity Per Case	Price / Piece ₹
		Centre Neck	Side Neck		
4386A12	50	24 / 29	24 / 29	4	600.00
4386A16	100	24 / 29	14 / 23	4	685.00
4386B16	100	24 / 29	19 / 26	4	685.00
4386A21	250	24 / 29	14 / 23	4	830.00
4386B21	250	24 / 29	19 / 26	4	830.00
4386A24	500	24 / 29	14 / 23	4	1180.00
4386B24	500	24 / 29	19 / 26	4	1180.00
4386C24	500	24 / 29	24 / 29	4	1180.00
4386D24	500	34 / 35	24 / 29	4	1180.00
4386A29	1000	24 / 29	14 / 23	2	1465.00
4386B29	1000	24 / 29	19 / 26	2	1465.00
4386C29	1000	24 / 29	24 / 29	2	1465.00
4386D29	1000	34 / 35	24 / 29	2	1465.00
4386A30	2000	24 / 29	14 / 23	2	2430.00
4386B30	2000	24 / 29	19 / 26	2	2430.00
4386C30	2000	34 / 35	19 / 26	2	2430.00
4386D30	2000	34 / 35	24 / 29	2	2430.00
4386A31	3000	34 / 35	19 / 26	2	5665.00
4386B31	3000	34 / 35	24 / 29	2	5665.00
4386A33	5000	34 / 35	19 / 26	1	7765.00
4386B33	5000	34 / 35	24 / 29	1	7765.00
4386A38	10000	55 / 44	24 / 29	1	13900.00
4386B38	10000	34 / 35	24 / 29	1	13900.00
4386A40	20000	55 / 44	24 / 29	1	20370.00



Top View

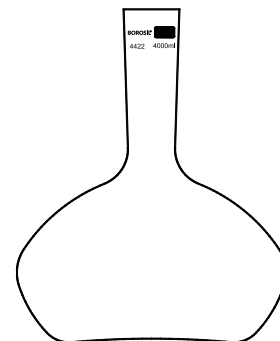
- Till stock lasts.
- Neck sizes and angles can be made as per customer specifications
- Delivery time 4 to 5 weeks from the date of confirmed order
- Prices will be quoted as per the required customer specifications

4422 - CULTURE FLASK

Haffikine

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
4422031	3000*	245 x 280	2	3485.00
4422032	4000	246 x 310	2	4030.00

*3000 ml not covered in standards

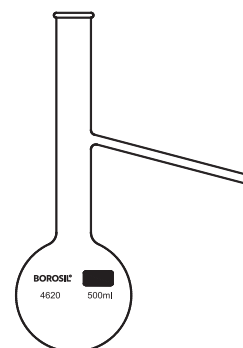


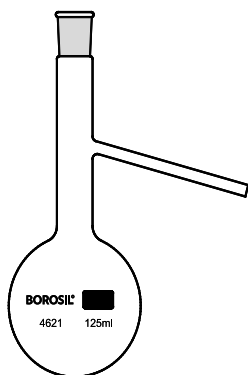
4620 - DISTILLING FLASK

With Side Arm

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
4620016	100	64 x 210	21	4	315.00
4620017	*125	70 x 215	21	4	310.00
4620021	250	85 x 230	25	4	515.00
4620024	500	105 x 250	28	4	605.00
4620029	1000	130 x 305	31	4	730.00

* Specification as per the Institute of Petroleum Standard No. IP 123/64





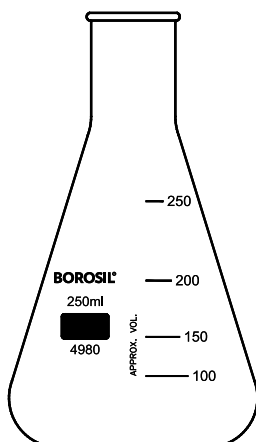
4621 - DISTILLING FLASK

With I/C Joint

Product Code	Capacity ml	Approx O.D.xHeight mm	Approx Neck I. D.	Inter-changeable Joint	Quantity Per Case	Price / Piece ₹
4621017	125	70 x 218	19	19 / 26	20	535.00

4980 - ERLENMEYER (CONICAL) FLASK

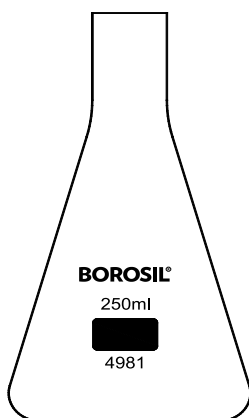
Narrow Mouth, With Rim



Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
4980006	10 *	37 x 60	15	30	100.00
4980009	25	42 x 75	22	40	105.00
4980012	50	51 x 90	22	100	105.00
4980016	100	64 x 105	22	100	110.00
4980017	125*	66 x 110	28	100	130.00
4980018	150*	72 x 124	28	100	135.00
4980021	250	85 x 145	34	40	165.00
4980024	500	105 x 180	34	40	235.00
4980029	1000	131 x 220	42	20	400.00
4980030	2000	166 x 280	52	20	695.00
4980031	3000	187 x 310	50	4	1990.00
4980033	5000	220 x 365	50	2	3075.00

25 ml to 5000 ml Graduated

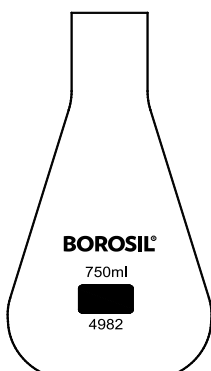
* Not covered in standards



4981 - ERLENMEYER (CONICAL) FLASK

Long Neck Without Rim

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
4981021	250	78 x 154	27	10	225.00



4982 - ERLENMEYER (CONICAL) FLASK

Without Rim

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
4982027	750	114 x 210	42	10	505.00

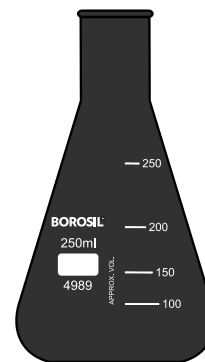
Suitable for culture work, designed for use in shaker machine

4989 - ERLLENMEYER (CONICAL) FLASK

Narrow Mouth, With Rim, Amber

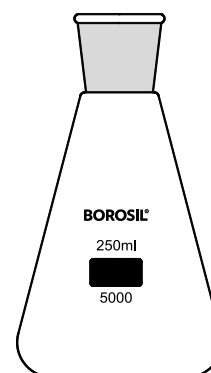
Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
4989016	100	64 x 105	22	10	205.00
4989018	150*	72 x 124	28	10	245.00
4989021	250	85 x 145	34	10	295.00
4989024	500	105 x 180	34	10	475.00
4989029	1000	131 x 220	42	10	800.00

* Not covered in standards

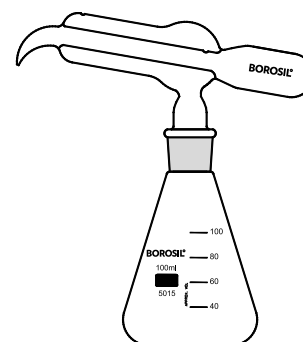
**5000 - ERLLENMEYER (CONICAL) FLASK**

Narrow Mouth, With I/C Joint

Product Code	Capacity ml	Interchangeable Joint	Quantity Per Case	Price / Piece ₹
5000009	25	14 / 23	10	200.00
5000012	50	19 / 26	10	210.00
5000016	100	24 / 29	10	245.00
5000021	250	24 / 29	10	270.00
5000024	500	24 / 29	5	390.00

**5015 - TILT MEASURE**

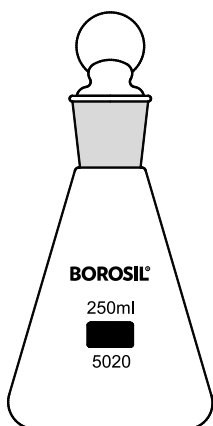
Product Code	Capacity ml	Flask Capacity ml	Quantity Per Case	Price / Piece ₹
5015005	5	100	5	945.00
5015006	10	250	5	985.00
5015008	20	250	10	1105.00
5015009	25	250	10	1180.00
5015012	50	250	10	1400.00

**5019 - ERLLENMEYER (CONICAL) FLASK**

Narrow Mouth, With I/C Joint & Glass Stopper, Amber

Product Code	Capacity ml	Interchangeable Joint	Quantity Per Case	Price / Piece ₹
5019009	25	14 / 23	10	395.00
5019012	50	19 / 26	10	410.00
5019016	100	24 / 29	20	505.00
5019021	250	24 / 29	20	625.00
5019024	500	24 / 29	10	1015.00

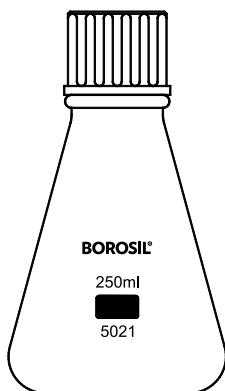




5020 - ERLENMEYER (CONICAL) FLASK

Narrow Mouth, With I/C Joint & Glass Stopper

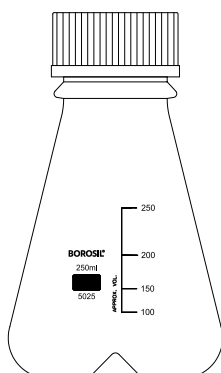
Product Code	Capacity ml	Interchangeable Joint	Quantity Per Case	Price / Piece ₹
5020009	25	14 / 23	10	245.00
5020012	50	19 / 26	10	295.00
5020016	100	24 / 29	20	325.00
5020021	250	24 / 29	20	375.00
5020024	500	24 / 29	10	535.00
5020029	1000	29 / 32	10	750.00
5020030	2000	29 / 32	10	1070.00



5021 - ERLENMEYER (CONICAL) FLASK

With Screw Cap

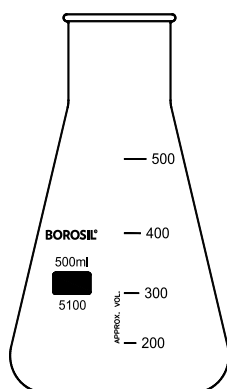
Product Code	Capacity ml	Neck Specification	Quantity Per Case	Price / Piece ₹
5021016	100	GL 25	20	310.00
5021018	150	GL 25	20	355.00
5021021	250	GL 45	20	410.00
5021024	500	GL 45	10	505.00
5021029	1000	GL 45	10	975.00
5021030	2000	GL 45	10	1390.00
5021033	5000	GL 45	2	6545.00



5025 - ERLENMEYER (CONICAL) FLASK

Baffled Bottom, With Screw Cap

Product Code	Capacity ml	Neck Specification	Quantity Per Case	Price / Piece ₹
5025021	250	GL 45	10	2290.00
5025024	500	GL 45	10	2795.00
5025029	1000	GL 45	10	3935.00
5025030	2000	GL 45	10	4830.00



5100 - ERLENMEYER (CONICAL) FLASK

Wide Mouth

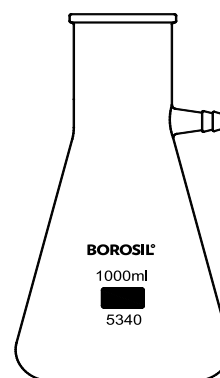
Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Price / Piece ₹
5100016	100	64 x 105	34	20	130.00
5100021	250	85 x 142	50	30	175.00
5100024	500	105 x 175	50	20	270.00
5100029	1000	130 x 220	56	10	475.00

5340 - FILTER FLASK

With Glass Tubulation

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
5340012	50	52 x 86	30	260.00
5340016	100	70 x 105	20	390.00
5340021	250	85 x 155	10	565.00
5340024	500	105 x 188	20	680.00
5340029	1000	135 x 230	10	1035.00
5340030	2000	165 x 270	5	2095.00
5340033	5000	240 x 450	2	7475.00
5340038	10000*	236 x 420	1	13000.00
5340040	20000*	285 x 535	1	20755.00

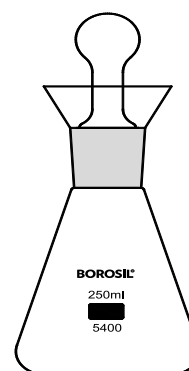
* These flasks are bottle shaped



5400 - IODINE FLASK

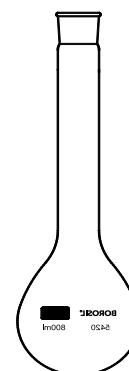
With I/C Glass Stopper

Product Code	Capacity ml	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
5400016	100	24 / 29	10	270.00
5400021	250	24 / 29	10	340.00
5400024	500	24 / 29	10	425.00



5420 - KJELDAHL FLASK

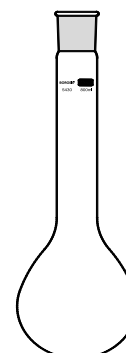
Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case	Price / Piece ₹
5420006	10	30 x 180	10	130.00
5420010	30	40 x 180	10	165.00
5420016	100	61 x 210	10	240.00
5420022	300	80 x 298	10	390.00
5420024	500	103 x 325	10	750.00
5420028	800	119 x 375	10	915.00

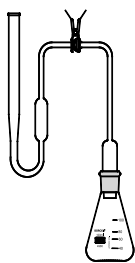


5430 - KJELDAHL FLASK

With I/C Joint

Product Code	Capacity ml	Approx O.D. x Height mm	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
5430024	500	103 x 325	24 / 29	10	945.00
5430028	800	116 x 375	24 / 29	10	1045.00

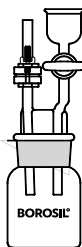




5200 - ARSENIC DETERMINATION APPARATUS AS PER USP

Product Code	Quantity Per Case	Price / Piece ₹
5200001	1	3895.00

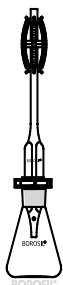
Spare parts available on request



5201 - ARSENIC DETERMINATION APPARATUS GUTZEIT

Product Code	Quantity Per Case	Price / Piece ₹
5201001	1	3895.00

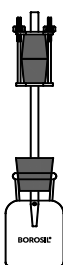
Spare parts available on request



5202 - ARSENIC DETERMINATION APPARATUS AS PER BP

Product Code	Quantity Per Case	Price / Piece ₹
5202001	1	2855.00

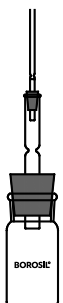
Spare parts available on request



5203 - ARSENIC DETERMINATION APPARATUS AS PER IP

Product Code	Quantity Per Case	Price / Piece ₹
5203001	1	2385.00

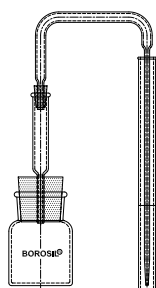
Spare parts available on request



5204 - ARSENIC DETERMINATION APPARATUS AS PER IS

Product Code	Quantity Per Case	Price / Piece ₹
5204001	1	2855.00

Spare parts available on request



5205 - ARSENIC DETERMINATION APPARATUS AS PER JP

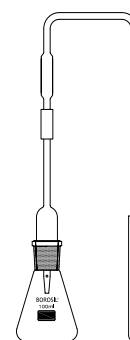
Product Code	Quantity Per Case	Price / Piece ₹
5205001	1	2960.00

Spare parts available on request

5206 - ARSENIC DETERMINATION APPARATUS AS PER EP

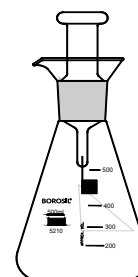
Product Code	Quantity Per Case	Price / Piece ₹
5206001	1	3500.00

Spare parts available on request

**5210 - OXYGEN COMBUSTION FLASK AS PER USP**

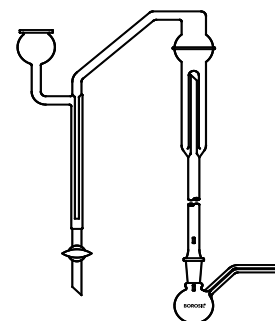
Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
5210 022	300	1	on request
5210024	500	1	on request

Spare parts available on request

**5211 - METHOXY DETERMINATION ASSEMBLY AS PER USP**

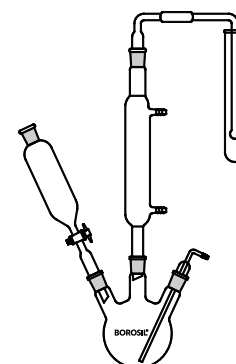
Product Code	Quantity Per Case	Price / Piece ₹
5211 024	1	on request

Spare parts available on request

**5212 - SULPHUR DI-OXIDE ASSEMBLY AS PER USP**

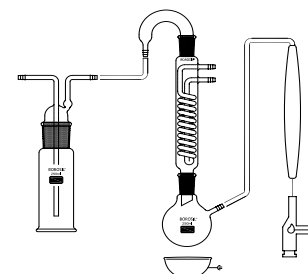
Product Code	Quantity Per Case	Price / Piece ₹
5212024	1	15545.00

Spare parts available on request

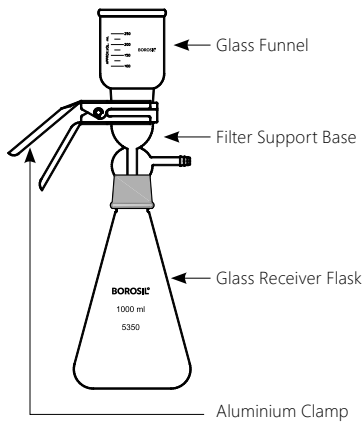
**5215 - SODIUM ALGINATE ASSEMBLY AS PER USP**

Product Code	Quantity Per Case	Price / Piece ₹
5215021	1	on request

Spare parts available on request



Filtration Assembly



5350 - BOROPURE GLASS FILTRATION ASSEMBLY

Assembly

Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Flask Capacity ml	Aluminium Clamp mm	Quantity Per Case	Price / Piece ₹
5350024	47	300 ml	500	47	1	16885.00
5350029	47	300 ml	1000	47	1	17480.00
5350030	47	300 ml	2000	47	1	22960.00
5350033	90	1000 ml	5000 ml	90	1	On request
5350A29	90	1000 ml	1000 ml	90	1	On request

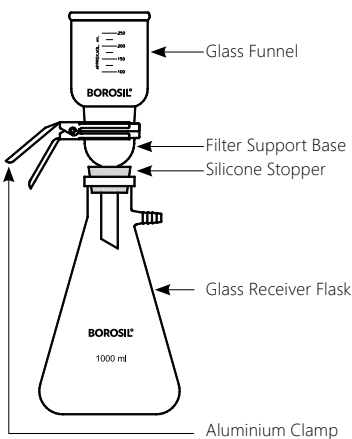
Spares For 47 MM Filter Assembly

Product Code	Capacity / Size	Description	Price / Piece ₹
5350124	500 ml	Glass Receiver Flask	3345.00
5350129	1000 ml	Glass Receiver Flask	4910.00
5350130	2000 ml	Glass Receiver Flask	10935.00
5350S01	300 ml	Glass Funnel	4370.00
5350S02	47 mm	Filter Support Base	5700.00
5350S03	47 mm	Aluminium Clamp	3630.00

Spares For 90 MM Filter Assembly

Product Code	Capacity / Size	Description	Price / Piece ₹
5350133	5000 ml	Glass Receiver Flask	On request
5350229	1000 ml	Glass Receiver Flask	On request
5350233	1000 ml	Glass Funnel	On request
5350333	90 mm	Filter Support Base	On request
5350433	90 mm	Aluminium Clamp	On request

HSN Code: 70179090 (for Assembly as well as spares)



5360 - BOROPURE GLASS FILTRATION ASSEMBLY

With Silicone Stopper, 47 mm

Assembly

Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Flask Capacity ml	Aluminium Clamp mm	Silicone stopper Size	Quantity Per Case	Price / Piece ₹
5360029	47	300 ml	1000	47	#8	1	16430.00
5360030	47	300 ml	2000	47	#8	1	18855.00

Spares For 47 MM Filter Assembly

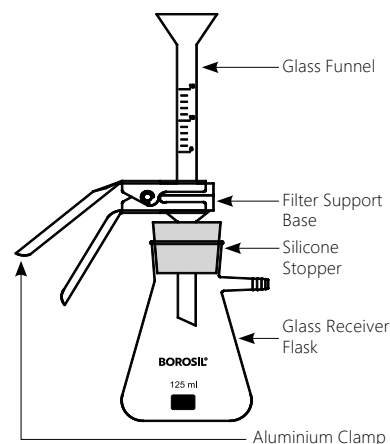
Product Code	Capacity / Size	Description	Price / Piece ₹
5360129	1000 ml	Glass Receiver Flask	4775.00
5360130	2000 ml	Glass Receiver Flask	6675.00
5350S01	300 ml	Glass Funnel	4370.00
5360S02	47 mm	Filter Support Base	5830.00
5350S03	47 mm	Aluminium Clamp	3630.00
5360S04	#8	Silicone stopper, MOQ - Pack of 10 nos	395.00

5370 - BOROPURE GLASS MICROFILTRATION ASSEMBLY

With Silicone Stopper, 25 mm

Assembly

Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Flask Capacity ml	Aluminium Clamp mm	Silicone stopper Size	Quantity Per Case	Price / Piece ₹
5370017	25	15 ml	125	25	#5	1	8320.00



Spares For 25 MM Filter Assembly

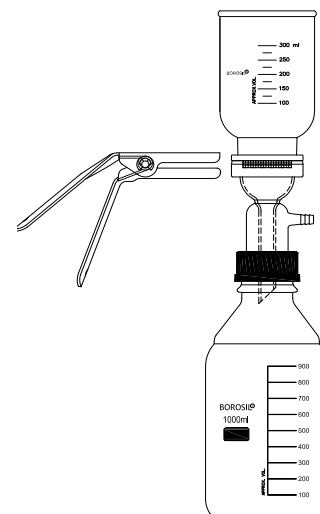
Product Code	Capacity / Size	Description	Price / Piece ₹
5370S01	125 ml	Glass Receiver Flask	3345.00
5370S02	15 ml	Glass Funnel	2035.00
5370S03	25 mm	Filter Support Base	4655.00
5370S04	25 mm	Aluminium Clamp	2555.00
5370S05	#5	Silicone stopper, MOQ - Pack of 10 nos	325.00

5380 - BOROPURE GLASS FILTRATION ASSEMBLY

47 mm, With Bottle

Assembly

Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Bottle Capacity ml	Aluminium Clamp mm	Quantity Per Case	Price per set ₹
5380029	47	300 ml	1000	47	1	15130.000
5380030	47	300 ml	2000	47	1	17480.00
5380033	90	1000 ml	5000	90	1	On request



Spares For 47 MM Filter Assembly

Product Code	Capacity / Size	Description	Price / Piece ₹
5380129	1000 ml	Glass Receiver Bottle with GL 45 screw cap	4910.00
5380130	2000 ml	Glass Receiver Bottle with GL 45 screw cap	8815.00
5350S01	300 ml	Glass Funnel	4370.00
5380S02	47 mm	Filter Support Base	7125.00
5350S03	47 mm	Aluminium Clamp	3630.00

Spares For 90 MM Filter Assembly

Product Code	Capacity / Size	Description	Price / Piece ₹
5380133	5000 ml	Glass Receiver Bottle with GL 45 screw cap	On request
5350233	1000 ml	Glass Funnel	On request
5380333	90 mm	Filter Support Base	On request
5350433	90 mm	Aluminium Clamp	On request



5147 - BOROPURE CELLULOSE NITRATE MEMBRANE

Product Code	Description	Pore size μm	Diameter mm	Membrane /pack Nos	Price per pack ₹
514722N	Cellulose Nitrate Membrane, Non- sterile	0.22	47	100	1705.00
514745N	Cellulose Nitrate Membrane, Non- sterile	0.45	47	100	1705.00

Minimum order quantity : 5 Packs of 100 Membranes

5247 - BOROPURE GRIDDED CELLULOSE NITRATE MEMBRANE



Product Code	Description	Pore size μm	Diameter mm	Membrane /pack Nos	Price per pack ₹
524722N	Gridded Cellulose Nitrate Membrane, Non-sterile	0.22	47	100	1880.00
524745N	Gridded Cellulose Nitrate Membrane, Non-sterile	0.45	47	100	1880.00

Minimum order quantity : 5 Packs of 100 Membranes

5347 - BOROPURE NYLON-66 MEMBRANE HPLC Grade

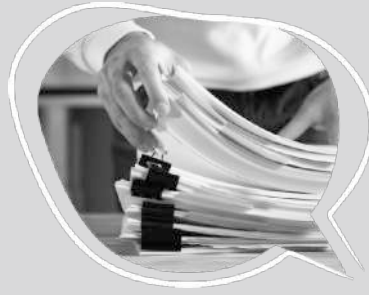


Product Code	Description	Pore size μm	Diameter mm	Membrane /pack Nos	Price per pack ₹
534722N	Nylon-66 Membrane, Non- sterile	0.22	47	100	1970.00
534745N	Nylon-66 Membrane, Non- sterile	0.45	47	100	1970.00

Minimum order quantity : 5 Packs of 100 Membranes

For membranes of other diameter and pore sizes, please contact our local sales representative

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hard copies
**of calibration
certificates for long years?**



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- Download the certificates by simple scanning of glassware and print as and when required
- Easy download of list of scanned glassware in excel format
- Saves time and hassle involved in maintaining the certificates
- Less usage of paper and better for the environment
- Readiness for audit

QR code marking available for

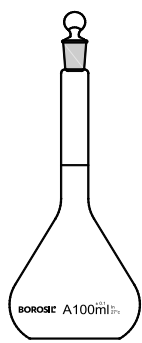
Volumetric Flasks

Volumetric Pipettes

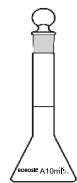
Graduated Pipettes

Measuring Cylinders

Volumetric Flasks



25 ml - 5000 ml



5 ml - 20 ml

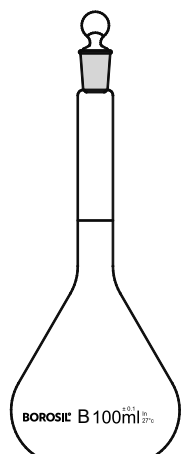
5640 - VOLUMETRIC FLASKS

Class A, Narrow Mouth, Clear, with Individual Calibration Certificate

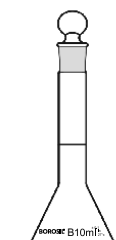
Product Code	Capacity ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5640001	1	0.025	7 / 16	5	1060.00
5640002	2	0.025	7 / 16	5	1060.00
5640005	5	0.025	10 / 19 #	5	955.00
5640006	10	0.025	10 / 19 #	5	830.00
5640008	20	0.04	10 / 19	5	830.00
5640009	25	0.04	10 / 19	5	765.00
5640012	50	0.06	12 / 21	10	725.00
5640016	100	0.10	14 / 23	10	705.00
5640020	200	0.15	14 / 23	10	1000.00
5640021	250	0.15	14 / 23	10	1000.00
5640024	500	0.25	19 / 26	10	1310.00
5640029	1000	0.40	24 / 29	10	1915.00
5640030	2000	0.60	29 / 32	2	3110.00
5640033	5000	1.20	34 / 35	1	13300.00

- 1 ml to 20 ml supplied with trapezoidal shape for better stability

- # Stopper size as per Borosil Design



25 ml - 5000 ml



5 ml - 20 ml

5641 - VOLUMETRIC FLASKS

Class B, Narrow Mouth, Clear

Product Code	Capacity ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5641001	1	0.05	7 / 16	10	335.00
5641002	2	0.05	7 / 16	10	335.00
5641005	5	0.05	10 / 19#	10	300.00
5641006	10	0.05	10 / 19#	10	280.00
5641008	20	0.08	10 / 19	10	280.00
5641009	25	0.08	10 / 19	10	275.00
5641012	50	0.12	12 / 21	10	300.00
5641016	100	0.20	14 / 23	10	340.00
5641020	200	0.30	14 / 23	10	390.00
5641021	250	0.30	14 / 23	10	405.00
5641024	500	0.50	19 / 26	10	565.00
5641029	1000	0.80	24 / 29	10	865.00
5641030	2000	1.20	29 / 32	2	1920.00
5641033	5000	2.40	34 / 35	1	6890.00

- 1 ml to 20 ml supplied with trapezoidal shape for better stability

- Certified and Calibrated at 27°C

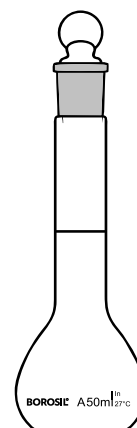
- # Stopper size as per Borosil Design

5643 - VOLUMETRIC FLASKS

Class A, Wide Mouth, Clear, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5643005	5	0.04	12 / 21#	5	950.00
5643006	10	0.04	12 / 21#	5	830.00
5643008	20	0.06	12 / 21	5	840.00
5643009	25*	0.06	14 / 23	5	910.00
5643A09	25	0.06	12 / 21	5	895.00
5643012	50	0.10	14 / 23	10	875.00
5643016	100*	0.10	19 / 26	10	920.00
5643020	200*	0.15	19 / 26	10	1210.00
5643021	250*	0.15	19 / 26	10	1290.00
5643029	1000	0.60	29 / 32	10	1990.00

- * Not covered in the standards
- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- # 5 ml & 10 ml (# Stopper size as per borosil design)

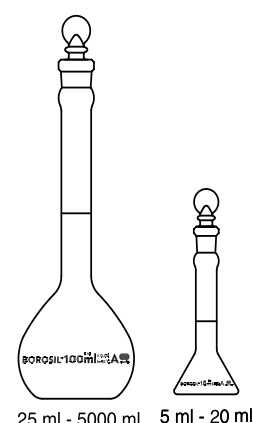


5645 - VOLUMETRIC FLASKS

ASTM, Narrow Mouth, Clear, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5645005	5	0.02	9	5	1070.00
5645006	10	0.02	9	5	930.00
5645008	20*	0.03	9	5	935.00
5645009	25	0.03	9	5	855.00
5645012	50	0.05	9	10	815.00
5645016	100	0.08	13	10	800.00
5645020	200	0.10	16	10	1120.00
5645021	250	0.12	16	10	1125.00
5645024	500	0.20	19	10	1480.00
5645029	1000	0.30	22	10	2150.00
5645030	2000	0.50	27	2	3495.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- * Not covered in the standards
- For Stopper dimensions refer page no. 68



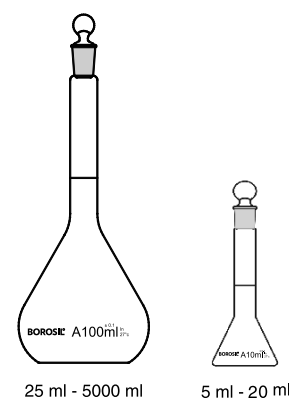
25 ml - 5000 ml 5 ml - 20 ml

5645D - VOLUMETRIC FLASKS

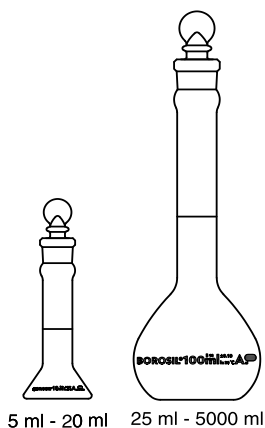
Class A, USP, Narrow Mouth, Clear, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5645005D	5	0.02	10 / 19#	5	1070.00
5645006D	10	0.02	10 / 19#	5	930.00
5645008D	20*	0.03	10 / 19	5	935.00
5645009D	25	0.03	10 / 19	5	855.00
5645012D	50	0.05	12 / 21	10	815.00
5645016D	100	0.08	14 / 23	10	800.00
5645020D	200	0.10	14 / 23	10	1120.00
5645021D	250	0.12	14 / 23	10	1125.00
5645024D	500	0.20	19 / 26	10	1480.00
5645029D	1000	0.30	24 / 29	10	2150.00
5645030D	2000	0.50	29 / 32	2	3495.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- * Not covered in the standards
- # 5 ml & 10 ml stopper size as per borosil design



25 ml - 5000 ml 5 ml - 20 ml

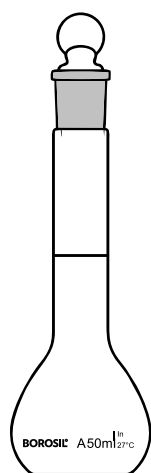


5647 - VOLUMETRIC FLASKS

ASTM, Wide Mouth, Clear, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5647005	5	0.08	13	5	1020.00
5647006	10	0.08	13	5	880.00
5647008	20*	0.08	13	5	910.00
5647009	25	0.08	13	5	970.00
5647012	50	0.08	13	10	950.00
5647016	100	0.10	16	10	1000.00
5647020	200	0.20	19	10	1175.00
5647021	250	0.20	19	10	1265.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- * Not covered in the standards
- For Stopper dimensions refer page no. 68

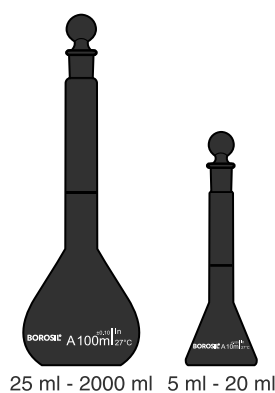


5647D - VOLUMETRIC FLASKS

Class A, USP, Wide Mouth, Clear, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5647005D	5	0.08	12 / 21#	5	1020.00
5647006D	10	0.08	12 / 21#	5	880.00
5647008D	20	0.08	12 / 21	5	910.00
5647009D	25	0.08	12 / 21	5	970.00
5647012D	50	0.08	14 / 23	10	950.00
5647016D	100*	0.10	19 / 26	10	1000.00
5647020D	200*	0.20	19 / 26	10	1175.00
5647021D	250*	0.20	19 / 26	10	1265.00

- * Not covered in the standards
- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Design



5648 - VOLUMETRIC FLASKS

Class A, Narrow Mouth, Amber, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5648005	5	0.025	10 / 19#	5	1140.00
5648006	10	0.025	10 / 19#	5	990.00
5648008	20	0.04	10 / 19	5	990.00
5648009	25	0.04	10 / 19	5	920.00
5648012	50	0.06	12 / 21	10	870.00
5648016	100	0.10	14 / 23	10	855.00
5648020	200	0.15	14 / 23	10	1195.00
5648021	250	0.15	14 / 23	10	1175.00
5648024	500	0.25	19 / 26	10	1570.00
5648029	1000	0.40	24 / 29	10	2290.00
5648030	2000	0.60	29 / 32	2	3725.00

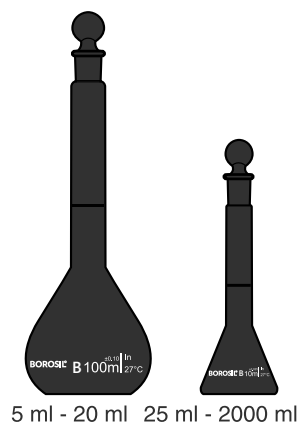
- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Design

5649 - VOLUMETRIC FLASKS

Class B, Narrow Mouth, Amber

Product Code	Capacity ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5649005	5	0.05	10 / 19#	10	460.00
5649006	10	0.05	10 / 19#	10	435.00
5649008	20	0.08	10 / 19	10	435.00
5649009	25	0.08	10 / 19	10	435.00
5649012	50	0.12	12 / 21	10	460.00
5649016	100	0.20	14 / 23	10	485.00
5649020	200	0.30	14 / 23	10	565.00
5649021	250	0.30	14 / 23	10	575.00
5649024	500	0.50	19 / 26	10	865.00
5649029	1000	0.80	24 / 29	10	1415.00
5649030	2000	1.20	29 / 32	2	2805.00

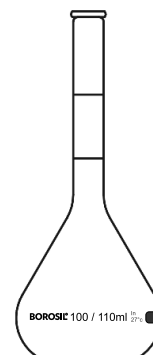
- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- Certified and Calibrated at 27°C
- # Stopper size as per Borosil Design



5650 - VOLUMETRIC FLASKS

For Sugar Estimation, Clear

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
5650016	100 / 110	0.15	20	435.00

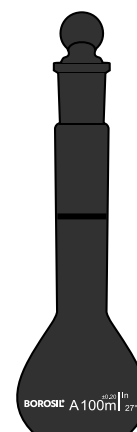


5653 - VOLUMETRIC FLASKS

Class A, Wide Mouth, Amber, with Individual Calibration Certificate

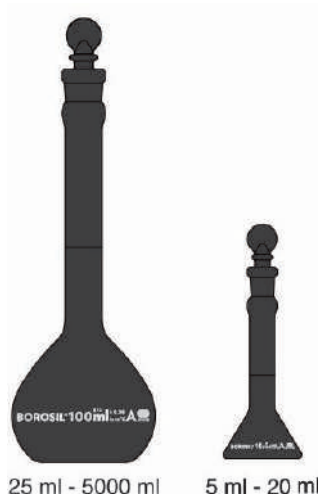
Product Code	Capacity ml	Tolerance \pm ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5653005	5	0.04	12 / 21#	5	1120.00
5653006	10	0.04	12 / 21#	5	980.00
5653008	20	0.06	12 / 21	5	1000.00
5653009	25*	0.06	14 / 23	5	1095.00
5653A09	25	0.06	12 / 21	5	1095.00
5653012	50	0.10	14 / 23	10	1040.00
5653016	100*	0.10	19 / 26	10	1135.00
5653020	200*	0.15	19 / 26	10	1450.00
5653021	250*	0.15	19 / 26	10	2195.00
5653029	1000	0.60	29 / 32	10	2360.00

- * Not covered in the standards
- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- # 5 ml & 10 ml (# Stopper size as per borosil design)



5655 - VOLUMETRIC FLASKS

ASTM, Narrow Mouth, Amber, with Individual Calibration Certificate



Product Code	Capacity ml	Tolerance ± ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5655005	5	0.02	9	5	1275.00
5655006	10	0.02	9	5	1120.00
5655008	20*	0.03	9	5	1120.00
5655009	25	0.03	9	5	1030.00
5655012	50	0.05	9	10	990.00
5655016	100	0.08	13	10	965.00
5655020	200	0.10	16	10	1365.00
5655021	250	0.12	16	10	1370.00
5655024	500	0.20	19	10	1805.00
5655029	1000	0.30	22	10	2635.00
5655030	2000	0.50	27	2	4245.00

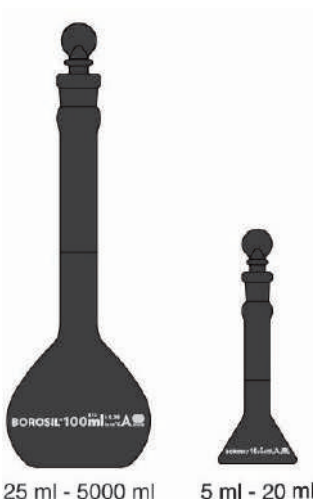
- 5 ml to 20 ml supplied with trapezoidal shape for better stability

- * Not covered in standards

- For Stopper dimensions refer page no. 68

5655D - VOLUMETRIC FLASKS

Class A, USP, Narrow Mouth, Amber, with Individual Calibration Certificate



Product Code	Capacity ml	Tolerance ± ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5655005D	5	0.02	10 / 19#	5	1275.00
5655006D	10	0.02	10 / 19#	5	1120.00
5655008D	20*	0.03	10 / 19	5	1120.00
5655009D	25	0.03	10 / 19	5	1030.00
5655012D	50	0.05	12 / 21	10	990.00
5655016D	100	0.08	14 / 23	10	965.00
5655020D	200	0.10	14 / 23	10	1365.00
5655021D	250	0.12	14 / 23	10	1370.00
5655024D	500	0.20	19 / 26	10	1805.00
5655029D	1000	0.30	24 / 29	10	2635.00
5655030D	2000	0.50	29 / 32	2	4245.00

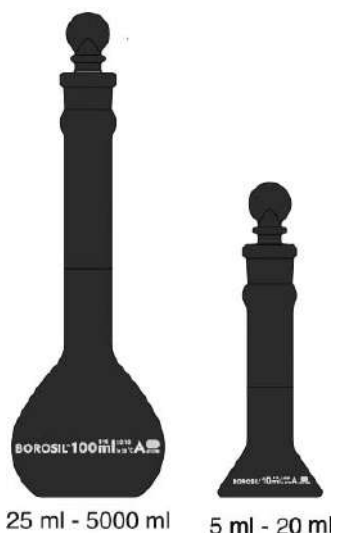
- 5 ml to 20 ml supplied with trapezoidal shape for better stability

- * Not covered in the standards

- # 5 ml & 10 ml stopper size not as per standards and kept wide mouth for convenient pipetting

5657 - VOLUMETRIC FLASKS

ASTM, Wide Mouth, Amber, with Individual Calibration Certificate



Product Code	Capacity ml	Tolerance ± ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5657005	5	0.08	13	5	1240.00
5657006	10	0.08	13	5	1070.00
5657008	20*	0.08	13	5	1070.00
5657009	25	0.08	13	5	1160.00
5657012	50	0.08	13	10	1140.00
5657016	100	0.10	16	10	1200.00
5657020	200	0.20	19	10	1415.00
5657021	250	0.20	19	10	1535.00

- * Not covered in the standards

- 5 ml to 20 ml supplied with trapezoidal shape for better stability

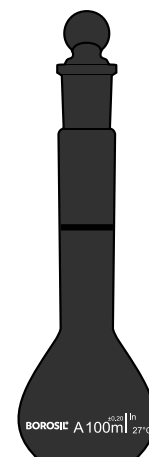
- For Stopper dimensions refer page no. 68

5657D - VOLUMETRIC FLASKS

Class A, USP, Wide Mouth, Amber, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5657005D	5	0.08	12 / 21#	5	1240.00
5657006D	10	0.08	12 / 21#	5	1070.00
5657008D	20	0.08	12 / 21	5	1070.00
5657009D	25	0.08	12 / 21	5	1160.00
5657012D	50	0.08	14 / 23	10	1140.00
5657016 D	100*	0.10	19 / 26	10	1200.00
5657020D	200*	0.20	19 / 26	10	1415.00
5657021D	250*	0.20	19 / 26	10	1535.00

- * Not covered in the standards
- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Design

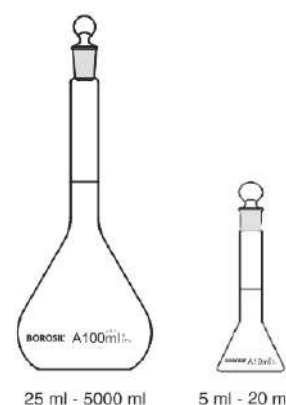


2020 - VOLUMETRIC FLASKS

NABL Certified, Class A, Clear, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance ± ml	New Stopper Size	New Quantity Per Case	Price / Piece ₹
2020001	1	0.025	7 / 16	1	2365.00
2020002	2	0.025	7 / 16	1	2365.00
2020005	5	0.025	10 / 19 #	1	2105.00
2020006	10	0.025	10 / 19 #	1	1825.00
2020008	20	0.04	10 / 19	1	1825.00
2020009	25	0.04	10 / 19	1	1965.00
2020012	50	0.06	12 / 21	1	1695.00
2020016	100	0.10	14 / 23	1	1670.00
2020020	200	0.15	14 / 23	1	2225.00
2020021	250	0.15	14 / 23	1	2250.00
2020024	500	0.25	19 / 26	1	3000.00
2020029	1000	0.40	24 / 29	1	4315.00
2020030	2000	0.60	29 / 32	1	6980.00

- 1 ml to 20 ml supplied with trapezoidal shape for better stability
- Certified and Calibrated at 27°C
- Volumetric flasks with old stopper sizes - Available till stocks last
- # Stopper size as per Borosil Design



25 ml - 5000 ml

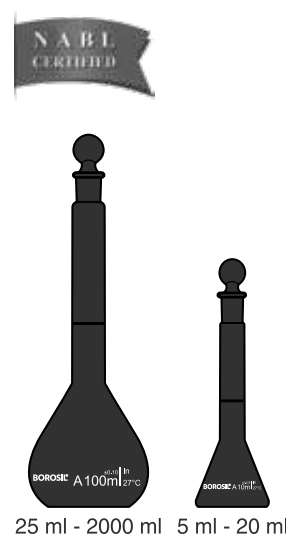
5 ml - 20 ml

2021 - VOLUMETRIC FLASKS

NABL Certified, Class A, Amber, with Individual Calibration Certificate

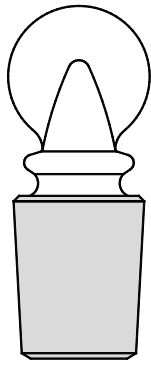
Product Code	Capacity ml	Tolerance ± ml	New Stopper Size	Quantity Per Case	Price / Piece ₹
2021005	5	0.025	10 / 19*	1	2285.00
2021006	10	0.025	10 / 19*	1	1995.00
2021008	20	0.04	10 / 19*	1	1995.00
2021009	25	0.04	10 / 19	1	1805.00
2021012	50	0.06	12 / 21	1	1770.00
2021016	100	0.10	14 / 23	1	1830.00
2021020	200	0.15	14 / 23	1	2385.00
2021021	250	0.15	14 / 23	1	2420.00
2021024	500	0.25	19 / 26	1	3310.00
2021029	1000	0.40	24 / 29	1	4890.00
2021030	2000	0.60	29 / 32	1	7680.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Design



25 ml - 2000 ml

5 ml - 20 ml



8100 - Glass Stoppers

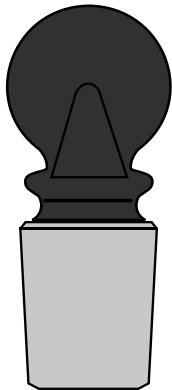
Penny head, Clear

Product Code	Stopper Number	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
ISO / DIN Standard (Long Neck)				
810 0A10	–	10 / 19	20	105.00
8100A12	–	12 / 21	20	110.00
8100A14	–	14 / 23	20	110.00
8100A19	–	19 / 26	20	130.00
8100A24	–	24 / 29	20	245.00
8100A29	–	29 / 32	20	300.00
8100A34	–	34 / 35	20	315.00
ASTM Standard (Short Neck)				
8110008	# 8	8.25 / 10	20	105.00
8110009	# 9	9.4 / 14	20	120.00
8110 013	# 13	13.4 / 14	20	130.00
8110016	# 16	16.5 / 15	20	245.00
8110 019	# 19	19.7 / 17	20	300.00
811 0022	# 22	22.05 / 20.5	20	315.00
811 0027	# 27	27.15 / 21.5	20	330.00
IS Standard as per Old design (Till the stocks last)				
810 0010	–	10 / 15	20	105.00
8100014	–	14 / 15	20	110.00
8100019	–	19 / 20	20	130.00
8100024	–	24 / 25	20	245.00

8400 - Glass Stoppers

Penny head, Amber

- With Interchangeable Ground Joint



Product Code	Stopper Number	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
ISO / DIN Standard (Long Neck)				
8400A10	–	10 / 19	20	130.00
8400A12	–	12 / 21	20	165.00
8400A14	–	14 / 23	20	165.00
8400A19	–	19 / 26	20	190.00
8400A24	–	24 / 29	20	295.00
8400A29	–	29 / 32	20	345.00
8400A34	–	34 / 35	20	375.00
ASTM Standard				
8410008	# 8	8.25 / 10	20	130.00
8410009	# 9	9.4 / 14	20	140.00
8410013	# 13	13.4 / 14	20	160.00
8410016	# 16	16.5 / 15	20	295.00
8410019	# 19	19.7 / 17	20	360.00
8410022	# 22	22.05 / 20.5	20	380.00
8410027	# 27	27.15 / 21.5	20	395.00
IS Standard as per Old design (Till the stocks last)				
8400010	–	10 / 15	20	130.00
8400014	–	14 / 15	20	165.00
8400019	–	19 / 20	20	190.00
8400024	–	24 / 25	20	295.00

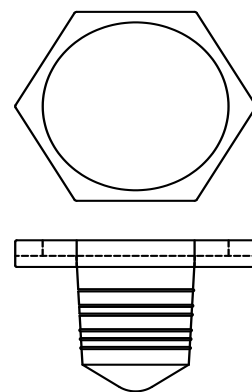
Plastic Stopper - ISO, except ASTM
Stock on order

8300 - Plastic Stoppers

Flat head, ISO standard

Product Code	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
8300007	7 / 16	20	45.00
8300A10	10 / 19	20	50.00
8300012	12 / 21	20	55.00
8300A14	14 / 23	20	60.00
8300A19	19 / 26	20	70.00
8300A24	24 / 29	20	90.00
8300A29	29 / 32	20	120.00
8300A34	34 / 35	20	135.00

HSN Code : 39235010



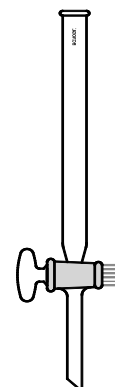
Chromatography Column

6100 - CHROMATOGRAPHY COLUMNS

Plain With Glass Stopcock

Product Code	Capacity ml	Bore mm	Quantity Per Case	Price / Piece ₹
6100060	200	10	5	460.00
6100061	300	10	5	500.00
6100062	300	18	5	545.00
6100063	450	30	5	685.00
6100064	500	10	5	540.00
6100065	500	18	5	565.00
6100066	600	30	5	905.00
6100067	600	40	5	1180.00
6100068	1000	40	4	2415.00

Note : The Columns with Boroflow & PTFE stopcock will be made available on request

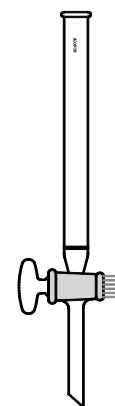


6101 - CHROMATOGRAPHY COLUMNS

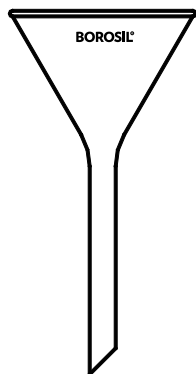
With Sintered Disc & Glass Stopcock

Product Code	Capacity ml	Bore mm	Quantity Per Case	Price / Piece ₹
6101060	200	10	5	765.00
6101061	300	10	5	785.00
6101062	300	18	5	975.00
6101063	450	30	5	1210.00
6101064	500	10	5	905.00
6101065	500	18	5	1060.00
6101066	600	30	5	1250.00
6101067	600	40	5	2070.00
6101068	1000	40	4	2815.00

Note : The Columns with Boroflow & PTFE stopcock will be made available on request



Funnels

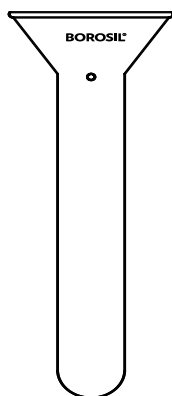


6140 - GLASS FILTER FUNNEL

Short Stem

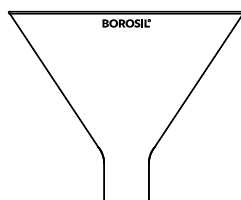
Product Code	Diameter mm	Stem		Quantity Per Case	Price / Piece ₹
		OD	Length		
614 0057	25*	6	25	30	105.00
614 0058	35	6	35	30	135.00
614 0065	50*	8	50	20	145.00
614 0069	65*	8	65	20	165.00
6140071	75	8	75	20	165.00
6140077	100	10	100	40	225.00

- * Not covered in standard



6150 - FUNNEL TEST TUBES

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
6150007	15	10	205.00
6150010	30	10	250.00



6220 - POWDER FUNNEL

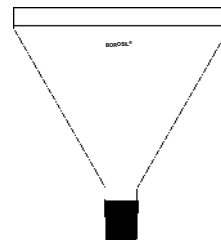
With Stem

Product Code	Capacity mm	Quantity Per Case	Price / Piece ₹
6220080	125	30	470.00
6220081	150	20	500.00
6220087	200	4	1350.00
6220089	250	4	1945.00

6230 - POWDER FUNNEL

Stem With Cone

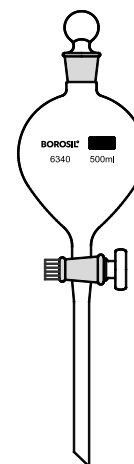
Product Code	Capacity mm	Quantity Per Case	Price / Piece ₹
6230080	125	20	705.00
6230081	150	20	810.00
6230087	200	4	1565.00
6230089	250	4	2245.00



6340 - SEPARATING FUNNEL, GLOBE SHAPE

With Glass Stopcock & I/C Glass Stopper

Product Code	Capacity ml	Stopper Size	Quantity Per Case	Price / Piece ₹
6340017	125	19 / 26	10	1350.00
6340021	250	24 / 29	10	1480.00
6340024	500	24 / 29	10	1860.00
6340029	1000	29 / 32	5	2350.00
6340030	2000	29 / 32	10	3970.00
6340033	5000	34 / 35	1	9010.00

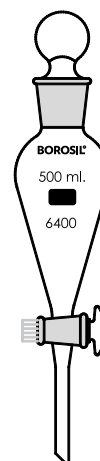


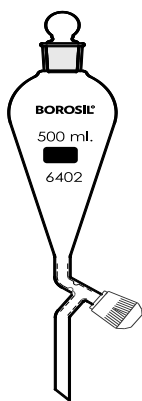
6400 - SEPARATING FUNNEL, PEAR SHAPE

With Glass Stopcock & I/C Glass Stopper

Product Code	Capacity ml	Stopper Size	Quantity Per Case	Price / Piece ₹
6400013	60*	14 / 23	10	1150.00
6400017	125*	19 / 26	10	1250.00
6400021	250	24 / 29	10	1385.00
6400024	500	24 / 29	10	1825.00
6400029	1000	29 / 32	10	2385.00
6400030	2000	29 / 32	10	4340.00

* Not covered in standards.



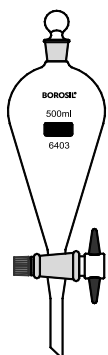


6402 - SEPARATING FUNNEL, PEAR SHAPE

With Boro I/C Stopcock And I/C Glass Stopper

Product Code	Capacity ml	Stopper Size	Quantity Per Case	Price / Piece ₹
6402013	60*	14 / 23	10	1030.00
6402017	125*	19 / 26	10	1170.00
6402021	250	24 / 29	10	1295.00
6402024	500	24 / 29	10	1745.00
6402029	1000	29 / 32	10	2180.00
6402030	2000	29 / 32	10	3835.00

* Not covered in standards.

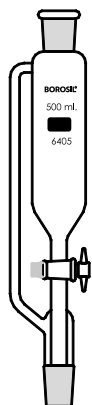


6403 - SEPARATING FUNNEL, PEAR SHAPE,

With PTFE Stopcock And I/C Glass Stopper

Product Code	Capacity ml	Stopper Size	Quantity Per Case	Price / Piece ₹
6403017	125*	19 / 26	10	1455.00
6403021	250	24 / 29	10	1590.00
6403024	500	24 / 29	10	2070.00
6403029	1000	29 / 32	10	2470.00
6403030	2000	29 / 32	10	4595.00

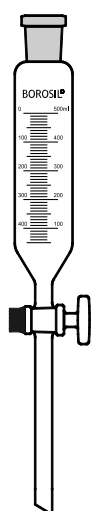
* Not covered in standards.



6405 - PRESSURE EQUILISING CYLINDRICAL FUNNEL

With PTFE Stopcock

Product Code	Capacity ml	Socket	Cone	Quantity Per Case	Price / Piece ₹
6405012	50	19 / 26	19 / 26	5	1390.00
6405016	100	19 / 26	19 / 26	5	1670.00
6405021	250	24 / 29	24 / 29	5	1910.00
6405024	500	24 / 29	24 / 29	5	2960.00



6408 - DROPPING FUNNEL,

Graduated With Glass Stopcock

Product Code	Capacity ml	Stopper Size	Quantity Per Case	Price / Piece ₹
6408012	50	14 / 23	5	840.00
6408016	100	19 / 26	5	915.00
6408021	250	24 / 29	5	1105.00
6408024	500	24 / 29	5	1480.00
6408029	1000	29 / 32	5	2455.00

* Not covered in standards.

6560 - PLAIN SHANK SINGLE CONE

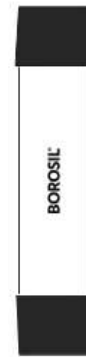
Product Code	Cone Joint Size	Total Length	Quantity Per Case	Price / Piece ₹
6560010	10 / 19	120	5	165.00
6560012	12 / 21	120	5	175.00
6560014	14 / 23	120	5	195.00
6560019	19 / 26	125	5	235.00
6560024	24 / 29	135	5	280.00
6560029	29 / 32	135	5	355.00
6560034	34 / 35	150	5	500.00
6560040	40 / 38*	150	5	570.00
6560045	45 / 40*	150	5	680.00
6560050	50 / 42*	150	5	785.00
6560055	55 / 44	150	5	930.00

* Not covered in standard



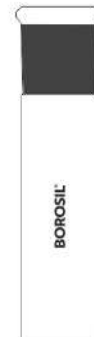
6561- PLAIN SHANK DOUBLE CONE

Product Code	Cone Joint Size	Total Length	Quantity Per Case	Price / Piece ₹
6561010	10 / 19	125	5	315.00
6561012	12 / 21	135	5	360.00
6561014	14 / 23	135	5	445.00
6561019	19 / 26	140	5	500.00
6561024	24 / 29	170	5	600.00
6561029	29 / 32	170	5	825.00
6561034	34 / 35	180	5	965.00
6561040	40 / 38	185	5	1150.00



6580 - PLAIN SHANK SINGLE SOCKET

Product Code	Cone Joint Size	Total Length	Quantity Per Case	Price / Piece ₹
6580010	10 / 19	120	5	175.00
6580012	12 / 21	120	5	205.00
6580014	14 / 23	120	5	230.00
6580019	19 / 26	125	5	235.00
6580024	24 / 29	135	5	290.00
6580029	29 / 32	135	5	355.00
6580034	34 / 35	150	5	500.00
6580040	40 / 38	150	5	610.00
6580045	45 / 40	150	5	785.00
6580050	50 / 42	150	5	895.00
6580055	55 / 44	150	5	1110.00

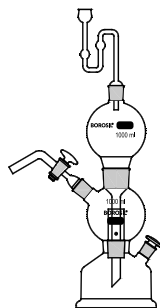


6581 - PLAIN SHANK DOUBLE SOCKET

Product Code	Cone Joint Size	Total Length	Quantity Per Case	Price / Piece ₹
6581010	10 / 19	125	5	290.00
6581012	12 / 21	135	5	345.00
6581014	14 / 23	135	5	400.00
6581019	19 / 26	140	5	445.00
6581024	24 / 29	170	5	500.00
6581029	29 / 32	170	5	600.00
6581034	34 / 35	180	5	825.00
6581040	40 / 38	185	5	895.00



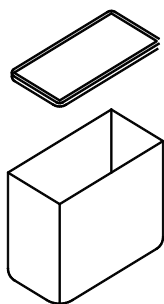
Gas Generator



6550 - GAS GENERATOR APPARATUS (KIPPS)

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
6550024	500	1	11090.00
6550029	1000	1	14165.00

Jars



6910 - RECTANGULAR MUSEUM JAR With Lid

Product Code	Approx Height x Length x Breadth mm	Quantity Per Case	Price / Piece ₹
6910M41	200 x 125 x 125	1	9520.00
6910 M42	200 x 150 x 100	1	10080.00
6910M43	220 x 195 x 80	1	11215.00
6910 M44	250 x 165 x 140	1	11740.00
6910 M45	250 x 250 x 120	1	14125.00
6910 M46	360 x 150 x 100	1	23675.00

Kettles



6947 - REACTION KETTLES ASSEMBLY Resin Reaction

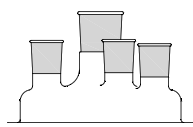
Product Code	Capacity ml	Body Dia mm	Height mm	Quantity Per Case Set	Price / Piece ₹
6947024	500	100	150	1	14265.00
6947029	1000	110	175	1	14875.00
6947030	2000	150	185	1	18135.00
6947032	4000	150	340	1	21800.00

The 500 ml and 1000 ml kettles have interchangeable covers with four openings to accommodate 24 / 29 interchangeable joints. Kettles of 2000 ml and 4000 ml capacity have interchangeable covers with openings to accommodate three 24 / 29 interchangeable joints and one 34 / 35 interchangeable joint.



6948 - BOTTOM FOR KETTLE REACTION ASSEMBLY Only for Kettles Cat no. 6947

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
6948024	500	2	6890.00
6948029	1000	2	7655.00
6948030	2000	2	9940.00
6948032	4000	2	14525.00



6949 - COVER FOR KETTLE REACTION ASSEMBLY Only for Kettles Cat No. 6947

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
6949041	500 / 1000	2	10965.00
6949042	2000 / 4000	2	12735.00

The 500 ml and 1000 ml kettles have interchangeable covers with four openings to accommodate 24 / 29 interchangeable joints. Kettles of 2000 ml and 4000 ml capacity have interchangeable covers with openings to accommodate three 24 / 29 interchangeable joints and one 34 / 35 interchangeable joint.

Pipettes

7040 - ARTIFICIAL INSEMINATION PIPETTES

Product Code	Length mm	Quantity Per Case	Price / Piece ₹
7040162	450	60	120.00

7041 - DRUM SAMPLING PIPETTE

Product Code	Length mm	Quantity Per Case	Price / Piece ₹
7041041	1000	4	625.00

7056 - MILK/BACTERIOLOGICAL PIPETTES

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7056101	1.1	0.025	10	215.00
7056102	2.2	0.040	10	240.00

7057 - GERBER MILK PIPETTES

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7057P10	10.75	0.03	10	230.00

7058 - GERBER MILK PIPETTES

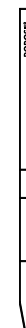
with Certificate

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7058P10	10.75	0.015	10	475.00

7059 - MOHR PIPETTES

Class A, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance +/- ml	Quantity per Case	Price / Piece ₹
7059P41	0.1	0.01	0.006	10	600.00
7059P42	0.2	0.01	0.006	10	600.00
7059P01	1	0.01	0.007	10	560.00
7059P11	1	0.10	0.007	10	495.00
7059P02	2	0.02	0.01	10	550.00
7059P22	2	0.10	0.01	10	515.00
7059P05	5	0.05	0.03	10	640.00
7059P55	5	0.10	0.03	10	600.00
7059P06	10	0.10	0.05	10	685.00
7059P09	25	0.20	0.10	10	810.00





7060 - MOHR PIPETTES

Class B

Product Code	Capacity ml	Graduation Interval ml	Tolerance +/- ml	Quantity Per Case	Price / Piece ₹
7060P41	0.1	0.01	0.01	20	200.00
7060P42	0.2	0.01	0.01	20	190.00
7060P01	1	0.01	0.01	20	190.00
7060P11	1	0.10	0.01	20	175.00
7060P02	2	0.02	0.02	20	200.00
7060P22	2	0.10	0.02	20	190.00
7060P05	5	0.05	0.05	20	210.00
7060P55	5	0.10	0.05	20	200.00
7060P06	10	0.10	0.10	20	230.00
7060P09	25	0.20	0.20	20	355.00



7062 - MOHR PIPETTES

Class B, White Marking

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	Quantity Per Case	Price / Piece ₹
7062P41	0.1	0.01	0.01	20	200.00
7062P42	0.2	0.01	0.01	20	190.00
7062P01	1	0.01	0.01	20	190.00
7062P11	1	0.10	0.01	20	175.00
7062P02	2	0.02	0.02	20	200.00
7062P22	2	0.10	0.02	20	190.00
7062P05	5	0.05	0.05	20	210.00
7062P55	5	0.10	0.05	20	200.00
7062P06	10	0.10	0.10	20	230.00
7062P09	25	0.20	0.20	20	355.00

Till stock last



7079 - SEROLOGICAL PIPETTES

Class A, With Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	Quantity Per Case	Price / Piece ₹
7079P41	0.1	0.01	0.006	10	600.00
7079P42	0.2	0.01	0.006	10	600.00
7079P01	1	0.01	0.007	10	680.00
7079P11	1	0.10	0.007	10	495.00
7079P02	2	0.02	0.01	10	550.00
7079P22	2	0.10	0.01	10	515.00
7079P05	5	0.05	0.03	10	640.00
7079P55	5	0.10	0.03	10	600.00
7079P06	10	0.10	0.05	10	685.00
7079P09	25	0.20	0.10	10	810.00

7080 - SEROLOGICAL PIPETTES

Class B

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7080P41	0.1	0.01	0.01	20	200.00
7080P42	0.2	0.01	0.01	20	190.00
7080P01	1	0.01	0.01	20	190.00
7080P11	1	0.10	0.01	20	175.00
7080P02	2	0.02	0.02	20	200.00
7080P22	2	0.10	0.02	20	190.00
7080P05	5	0.05	0.05	20	210.00
7080P55	5	0.10	0.05	20	200.00
7080P06	10	0.10	0.10	20	230.00
7080P09	25	0.20	0.20	20	355.00



7081 - SEROLOGICAL PIPETTES

Class A, USP, With Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7081P01	1	0.01	0.01	10	540.00
7081P11	1	0.10	0.01	10	505.00
7081P22	2	0.10	0.01	10	540.00
7081P55	5	0.10	0.02	10	645.00
7081P06	10	0.10	0.03	10	700.00
7081P09	25	0.10	0.05	10	825.00



7082 - SEROLOGICAL PIPETTES

Class B, White marking

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7082P41	0.1	0.01	0.01	20	200.00
7082P42	0.2	0.01	0.01	20	190.00
7082P01	1	0.01	0.01	20	190.00
7082P11	1	0.10	0.01	20	175.00
7082P02	2	0.02	0.02	20	200.00
7082P22	2	0.10	0.02	20	190.00
7082P05	5	0.05	0.05	20	210.00
7082P55	5	0.10	0.05	20	200.00
7082P06	10	0.10	0.10	20	230.00
7082P09	25	0.20	0.20	20	355.00





7100 - VOLUMETRIC PIPETTES

Class A, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7100001	1	0.008	10	390.00
7100002	2	0.01	10	395.00
7100005	5	0.015	10	445.00
7100006	10	0.02	10	535.00
7100008	20	0.03	10	695.00
7100009	25	0.03	10	740.00
7100012	50	0.05	10	840.00
7100016	100	0.08	10	1265.00

7101 - VOLUMETRIC PIPETTES

Class A, ASTM with Individual Calibration Certificate



Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7101001	1	0.006	10	395.00
7101105	1.5*	0.006	10	445.00
7101002	2	0.006	10	445.00
7101205	2.5*	0.01	10	495.00
7101003	3	0.01	10	465.00
7101004	4	0.01	10	465.00
7101005	5	0.01	10	470.00
7101706	6	0.01	10	515.00
7101707	7	0.01	10	515.00
7101708	8	0.02	10	515.00
7101709	9	0.02	10	515.00
7101006	10	0.02	10	535.00
7101007	15	0.03	10	605.00
7101008	20	0.03	10	700.00
7101009	25	0.03	10	740.00
7101010	30	0.03	10	740.00
7101011	40	0.05	10	780.00
7101012	50	0.05	10	850.00
7101016	100	0.08	10	1280.00

* As per Borosil standard

7102 - VOLUMETRIC PIPETTES Class B

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7102001	1	0.015	10	190.00
7102002	2	0.02	10	190.00
7102003	3*	0.02	10	200.00
7102004	4*	0.02	10	200.00
7102005	5	0.03	10	200.00
7102706	6*	0.03	10	225.00
7102707	7*	0.03	10	225.00
7102708	8*	0.04	10	225.00
7102709	9*	0.04	10	225.00
7102006	10	0.04	10	230.00
7102007	15*	0.06	10	270.00
7102008	20	0.06	10	270.00
7102009	25	0.06	10	280.00
7102010	30*	0.06	10	280.00
7102011	40*	0.1	10	310.00
7102012	50	0.1	10	325.00
7102016	100	0.15	10	490.00

* As per Borosil standard

**7103 - VOLUMETRIC PIPETTES Class B, ASTM**

Till stock lasts				
Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7103001	1	0.012	10	190.00
7103002	2	0.012	10	200.00
7103003	3	0.02	10	200.00
7103004	4	0.02	10	200.00
7103005	5	0.02	10	200.00
7103706	6	0.03	10	215.00
7103707	7	0.03	10	215.00
7103708	8	0.04	10	215.00
7103709	9	0.04	10	215.00
7103006	10	0.04	10	230.00
7103007	15	0.06	10	270.00
7103008	20	0.06	10	270.00
7103009	25	0.06	10	280.00
7103010	30*	0.06	10	280.00
7103011	40*	0.10	10	310.00
7103012	50	0.10	10	330.00
7103016	100	0.16	10	490.00

* As per Borosil standard

**7106 - VOLUMETRIC PIPETTES**

Class A, ASTM, Amber, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
7106001	1	0.006	10	670.00
7106002	2	0.006	10	670.00
7106005	5	0.01	10	740.00
7106006	10	0.02	10	760.00
7106008	20	0.03	10	825.00
7106009	25	0.03	10	825.00
7106012	50	0.05	10	965.00
7106016	100	0.08	10	1280.00





2030 - MOHR PIPETTES

NABL Certified, Class A, with Individual Calibration Certificate

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2030P41	0.1	0.01	0.006	1	1175.00
2030P42	0.2	0.01	0.006	1	1175.00
2030P01	1	0.01	0.007	1	1145.00
2030P11	1	0.10	0.007	1	955.00
2030P02	2	0.02	0.01	1	1195.00
2030P22	2	0.10	0.01	1	1000.00
2030P05	5	0.05	0.03	1	1275.00
2030P55	5	0.10	0.03	1	1175.00
2030P06	10	0.10	0.05	1	1345.00
2030P09	25	0.20	0.10	1	1625.00



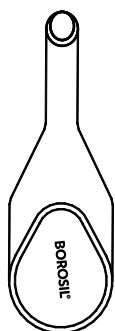
2040 - VOLUMETRIC PIPETTES

NABL Certified, Class A, with Individual Calibration Certificate

Product Code	Capacity ml	Tolerance \pm ml	Quantity Per Case	Price / Piece ₹
2040001	1	0.008	1	775.00
2040002	2	0.01	1	795.00
2040005	5	0.015	1	855.00
2040006	10	0.02	1	1050.00
2040008	20	0.03	1	1365.00
2040009	25	0.03	1	1465.00
2040012	50	0.05	1	1640.00
2040016	100	0.08	1	2480.00

Weighing Scoop

7200 - GLASS WEIGHING SCOOP



Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
7200P45	0.5	10	275.00
7200001	1	10	245.00
7200002	2	10	245.00
7200003	3	10	235.00
7200076	6	10	260.00
7200006	10	10	300.00

BOROSIL®

Mortar And Pestle

Made of borosilicate glass

for fine grinding of high purity substances

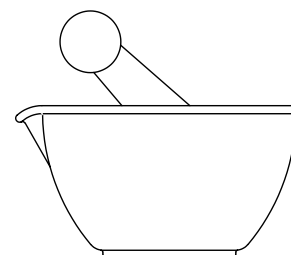


7210 - GLASS MORTAR AND PESTLE

Inside Rough

Product Code	Top Diameter mm	Height* mm	Quantity Per Case	Price / Piece ₹
7210 040	80	60	2	5995.00
7210041	100	75	2	7285.00
7210 042	150	110	2	11870.00

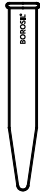
* Height indicated is of mortar only



Tubes

**7840 - FOLIN - WU BLOOD SUGAR TUBE**

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
7840009	25	20 x 220	20	300.00

**8060 - CENTRIFUGE TUBE Plain**

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
8060007	15	17 x 120	100	80.00

**8080 - CENTRIFUGE TUBE Graduated**

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
8080007	15	17 x 120	30	160.00
8080012	50	29 x 140	20	320.00

Amber colour Centrifuge tube available Product Code: 8081

**8084 - CENTRIFUGE TUBE
Graduated With I/C Glass Stopper**

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
8084007	15	17 x 145	30	485.00
8084012	50	26 x 165	10	610.00

**8090 - CENTRIFUGE TUBE
Graduated With PP Screw Cap**

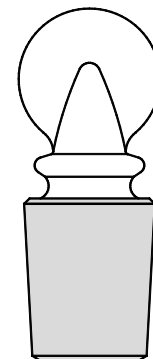
Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
8090007	15	17 x 130	30	645.00
8090012	50	29 x 150	10	850.00

Amber colour Centrifuge tube available Product Code: 8091

8100 - Glass Stoppers

Penny head, Clear

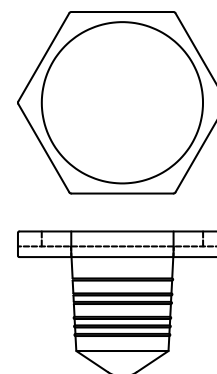
Product Code	Stopper Number	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
ISO / DIN Standard (Long Neck)				
810 0A10	–	10 / 19	20	105.00
8100A12	–	12 / 21	20	110.00
8100A14	–	14 / 23	20	110.00
8100A19	–	19 / 26	20	130.00
8100A24	–	24 / 29	20	245.00
8100A29	–	29 / 32	20	300.00
8100A34	–	34 / 35	20	315.00
ASTM Standard (Short Neck)				
8110008	# 8	8.25 / 10	20	105.00
8110009	# 9	9.4 / 14	20	120.00
8110 013	# 13	13.4 / 14	20	130.00
8110016	# 16	16.5 / 15	20	245.00
8110 019	# 19	19.7 / 17	20	300.00
811 0022	# 22	22.05 / 20.5	20	315.00
811 0027	# 27	27.15 / 21.5	20	330.00
IS Standard as per Old design (Till the stocks last)				
810 0010	–	10 / 15	20	105.00
8100014	–	14 / 15	20	110.00
8100019	–	19 / 20	20	130.00
8100024	–	24 / 25	20	245.00



8300 - Plastic Stoppers

Flat head, ISO standard

Product Code	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
8300007	7 / 16	20	45.00
8300A10	10 / 19	20	50.00
8300012	12 / 21	20	55.00
8300A14	14 / 23	20	60.00
8300A19	19 / 26	20	70.00
8300A24	24 / 29	20	90.00
8300A29	29 / 32	20	120.00
8300A34	34 / 35	20	135.00



HSN Code : 39235010



8320 - CENTRIFUGE TUBE HEAVY DUTY

With Spout, Plain, Short Conical Bottom

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece
8320011	40	29 x 116	20	220.00

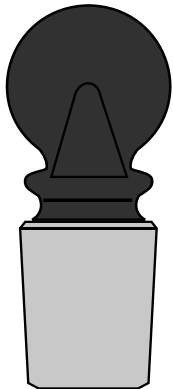


8340 - CENTRIFUGE TUBE HEAVY DUTY

With Spout, Graduated, Short Conical Bottom

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
8340011	40	29 x 116	20	395.00

Graduated upto 10 ml in 0.5 ml and from 10 ml to 40 ml in 1 ml divisions



8400 - Glass Stoppers

Penny head, Amber

- With Interchangeable Ground Joint

Product Code	Stopper Number	Interchangeable Joint Size	Quantity Per Case	Price / Piece ₹
ISO / DIN Standard (Long Neck)				
8400A10	–	10 / 19	20	130.00
8400A12	–	12 / 21	20	165.00
8400A14	–	14 / 23	20	165.00
8400A19	–	19 / 26	20	190.00
8400A24	–	24 / 29	20	295.00
8400A29	–	29 / 32	20	345.00
8400A34	–	34 / 35	20	375.00
ASTM Standard				
8410008	# 8	8.25 / 10	20	130.00
8410009	# 9	9.4 / 14	20	140.00
8410013	# 13	13.4 / 14	20	160.00
8410016	# 16	16.5 / 15	20	295.00
8410019	# 19	19.7 / 17	20	360.00
8410022	# 22	22.05 / 20.5	20	380.00
8410027	# 27	27.15 / 21.5	20	395.00
IS Standard as per Old design (Till the stocks last)				
8400010	–	10 / 15	20	130.00
8400014	–	14 / 15	20	165.00
8400019	–	19 / 20	20	190.00
8400024	–	24 / 25	20	295.00

Plastic Stopper - ISO, except ASTM
Stock on order

8800 - ENLARGING CONNECTING ADAPTERS

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8800A01	19 / 26	14 / 23	5	340.00
8800A02	24 / 29	14 / 23	5	425.00
8800A03	24 / 29	19 / 26	5	425.00
8800A04	29 / 32	19 / 26	5	505.00
8800A05	29 / 32	24 / 29	5	505.00
8800A06	34 / 35	19 / 26	5	650.00
8800A07	34 / 35	24 / 29	5	650.00
8800A08	34 / 35	29 / 32	5	650.00



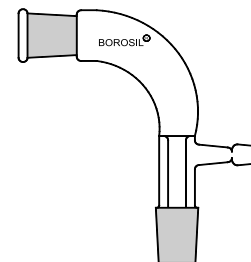
8820 - REDUCTION CONNECTING ADAPTERS

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8820A09	29 / 32	34 / 35	5	655.00
8820A10	14 / 23	19 / 26	5	340.00
8820A11	14 / 23	24 / 29	5	425.00
8820A13	19 / 26	29 / 32	5	505.00
8820A14	19 / 26	34 / 35	5	650.00
8820A15	24 / 29	29 / 32	5	505.00
8820A16	24 / 29	34 / 35	5	650.00
8820A17	29 / 32	40 / 38	5	735.00
8820A18	19 / 26	24 / 29	5	425.00



8830 - RECEIVER BENT ADAPTER WITH VACUUM CONNECTION

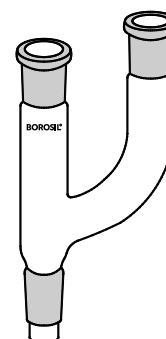
Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8830614	14 / 23	14 / 23	5	520.00
8830619	19 / 26	19 / 26	5	570.00
8830719	19 / 26	24 / 29	5	605.00
8830624	24 / 29	24 / 29	5	655.00
8830724	24 / 29	29 / 32	5	830.00
8830629	29 / 32	29 / 32	5	915.00

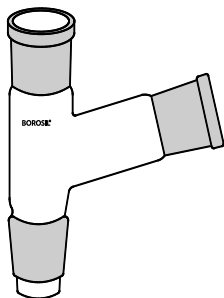


8831 - MULTIPLE ADAPTER

With Two Parallel Necks

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8831614	14 / 23	14 / 23	5	355.00
8831619	19 / 26	19 / 26	5	390.00
8831719	19 / 26	24 / 29	5	435.00
8831624	24 / 29	24 / 29	5	470.00
8831819	19 / 26	34 / 35	5	550.00
8831629	29 / 32	29 / 32	5	615.00

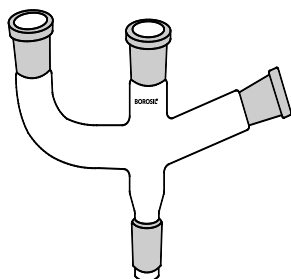




8832 - MULTIPLE ADAPTER

With Two Necks

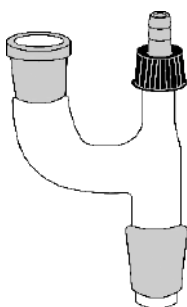
Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8832619	19 / 26	19 / 26	5	390.00
8832719	19 / 26	24 / 29	5	415.00
8832819	19 / 26	34 / 35	5	505.00



8833 - MULTIPLE ADAPTER

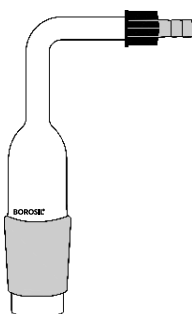
With Three Necks

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8833A19	19 / 26	24 / 29	5	570.00
8833B19	19 / 26	29 / 32	5	655.00
8833C19	19 / 26	34 / 35	5	750.00
8833D19	19 / 26	45 / 40	5	965.00



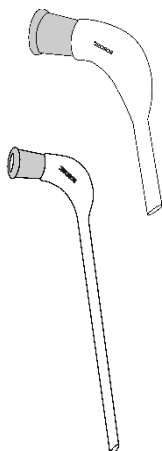
8834 - SWAN NECK ADAPTER

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8834619	19 / 26	19 / 26	5	380.00
8834719	19 / 26	24 / 29	5	300.00
8834624	24 / 29	24 / 29	5	460.00
8834724	24 / 29	34 / 35	5	540.00



8835 - ADAPTER CONE / RUBBER TUBING

Product Code	Socket Joint Size	Quantity Per Case	Price / Piece ₹
8835A10	10 / 19	5	205.00
8835A14	14 / 23	5	225.00
8835A19	19 / 26	5	265.00
8835A24	24 / 29	5	300.00
8835A29	29 / 32	5	415.00



8836 - ADAPTER CONE - FLEXIBLE TUBING

Product Code	Socket Joint Size	Quantity Per Case	Price / Piece ₹
8836A14	14 / 23	5	225.00
8836A19	19 / 26	5	260.00
8836A24	24 / 29	5	300.00
8836A29	29 / 32	5	370.00
8836B10	10 / 19	5	245.00
8836B14	14 / 23	5	335.00
8836B19	19 / 26	5	335.00
8836B24	24 / 29	5	390.00
8836B29	29 / 32	5	470.00

8837 - ADAPTER RECEIVER

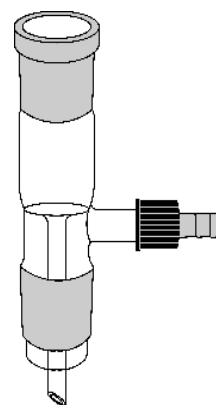
Straight Socket To Rubber

Product Code	Socket Joint Size	Quantity Per Case	Price / Piece ₹
8837A14	14 / 23	5	225.00
8837A19	19 / 26	5	260.00
8837A24	24 / 29	5	290.00
8837A34	34 / 35	5	380.00

**8838 - ADAPTER RECEIVER**

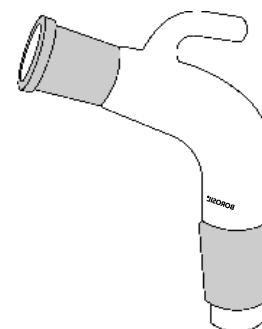
Straight With Vacuum

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8838614	14 / 23	14 / 23	5	300.00
8838714	14 / 23	19 / 26	5	320.00
8838814	14 / 23	24 / 29	5	390.00
8838619	19 / 26	19 / 26	5	380.00
8838719	19 / 26	24 / 29	5	415.00
8838624	24 / 29	24 / 29	5	455.00
8838724	24 / 29	29 / 32	5	550.00

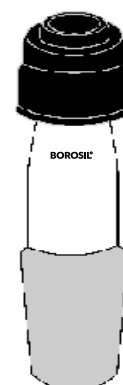
**8839 - ADAPTER RECEIVER**

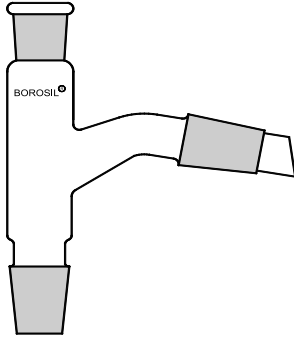
Bent With Vent

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8839614	14 / 23	14 / 23	5	300.00
8839619	19 / 26	19 / 26	5	345.00
8839719	19 / 26	24 / 29	5	415.00
8839624	24 / 29	24 / 29	5	455.00
8839629	29 / 32	29 / 32	5	655.00

**8840 - ADAPTER CONES SCREW THREAD**

Product Code	Socket Joint Size	Quantity Per Case	Price / Piece ₹
8840A14	14 / 23	5	320.00
8840A19	19 / 26	5	320.00
8840A24	24 / 29	5	370.00
8840A29	29 / 32	5	480.00



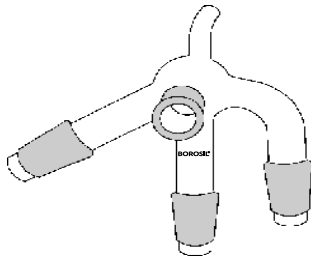


8841 - SLOPPING PLANE STILL HEAD

Product Code	Flask Cone	Cond. Cone	Socket	Quantity Per Case	Price / Piece ₹
8841610	10 / 19	10 / 19	10 / 19	5	470.00
8841614	14 / 23	14 / 23	14 / 23	5	495.00
8841619	19 / 26	19 / 26	14 / 23	5	560.00
8841819	19 / 26	19 / 26	19 / 26	5	595.00
8841724	24 / 29	19 / 26	14 / 23	5	625.00
8841624	24 / 29	24 / 29	19 / 26	5	680.00
8841729	29 / 32	19 / 26	14 / 23	5	695.00
8841629	29 / 32	29 / 32	14 / 23	5	995.00
8841634	34 / 35	19 / 26	14 / 23	5	800.00
8841734	34 / 35	24 / 29	14 / 23	5	935.00
8841834	34 / 35	34 / 35	14 / 23	5	2670.00

8844 - ADAPTER RECEIVER

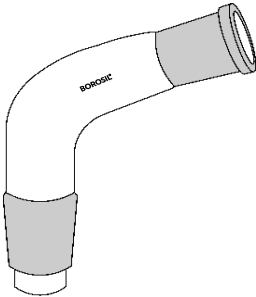
Multiple Connectivity



Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8844614	14 / 23	14 / 23	5	915.00
8844714	14 / 23	19 / 26	5	965.00
8844619	19 / 26	19 / 26	5	1075.00

8845 - ADAPTER RECEIVER

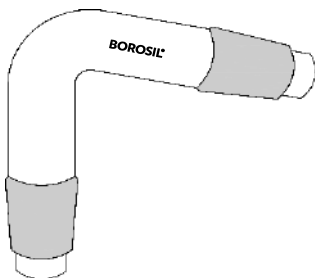
Plain Bent



Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8845619	19 / 26	19 / 26	5	345.00
8845719	19 / 26	24 / 29	5	380.00
8845624	24 / 29	24 / 29	5	455.00
8845629	29 / 32	29 / 32	5	655.00

8846 - ADAPTER RECOVERY BENT

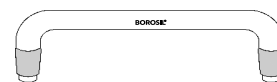
With Sloping End



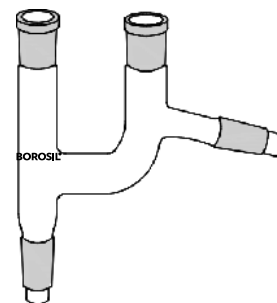
Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8846614	14 / 23	14 / 23	5	260.00
8846724	24 / 29	14 / 23	5	345.00
8846619	19 / 26	19 / 26	5	345.00
8846824	24 / 29	19 / 26	5	360.00
8846729	29 / 32	19 / 26	5	470.00
8846734	34 / 35	19 / 26	5	505.00
8846624	24 / 29	24 / 29	5	360.00
8846834	34 / 35	24 / 29	5	560.00
8846634	34 / 35	34 / 35	5	625.00

8847 - ADAPTER RECOVERY**Bent Vertical**

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8847614	14 / 23	14 / 23	5	370.00
8847619	19 / 26	19 / 26	5	455.00
8847724	24 / 29	14 / 23	5	480.00
8847624	24 / 29	24 / 29	5	570.00
8847629	29 / 32	29 / 32	5	750.00

**8849 - CLAISEN HEAD SLOPING**

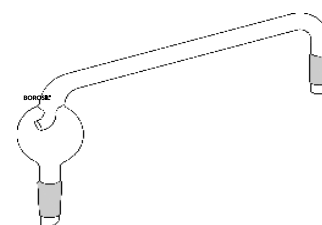
Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8849614	14 / 23	14 / 23	5	615.00
8849619	19 / 26	19 / 26	5	680.00
8849724	24 / 29	19 / 26	5	715.00
8849624	24 / 29	24 / 29	5	775.00
8849629	29 / 32	29 / 32	5	840.00
8849734	34 / 35	24 / 29	5	895.00

**8850 - ADAPTER RECEIVER****Plain Vertical**

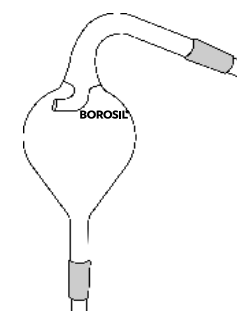
Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8850614	14 / 23	14 / 23	5	560.00
8850719	19 / 26	24 / 29	5	615.00
8830724	24 / 29	29 / 32	5	695.00

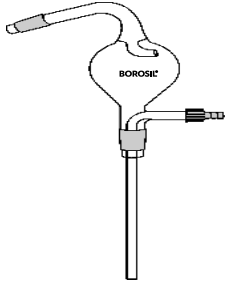
**8851 - SPLASH HEAD****Vertical, Pear Shape**

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8851619	19 / 26	19 / 26	5	695.00
8851724	24 / 29	19 / 26	5	715.00
8851624	24 / 29	24 / 29	5	895.00
8851629	29 / 32	29 / 32	5	965.00

**8852 - SPLASH HEAD SLOPING****Pear Shape**

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8852619	19 / 26	19 / 26	5	655.00
8852724	24 / 29	19 / 26	5	695.00
8852624	24 / 29	24 / 29	5	750.00
8852629	29 / 32	29 / 32	5	775.00



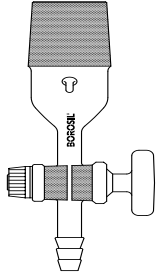


8853 - STEAM DISTILLATION HEADS

Product Code	Socket Joint Size	Cone Joint Size	Quantity Per Case	Price / Piece ₹
8853724	24 / 29	19 / 26	5	965.00
8853734	34 / 35	19 / 26	5	1185.00
8853834	34 / 35	24 / 29	5	1220.00

8854 - ADAPTOR

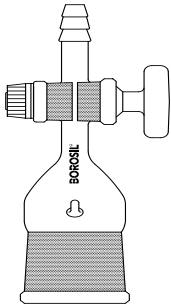
Straight cone with stopcock



Product Code	Cone Joint Size	Stopcock Bore mm	Quantity Per Case	Price / Piece ₹
8854014	14 / 23	2	5	1445.00
8854019	19 / 26	2	5	1460.00
8854024	24 / 29	2	5	1555.00
8854029	29 / 32	2	5	1740.00
8854034	34 / 35	2	5	2025.00

8855 - ADAPTOR

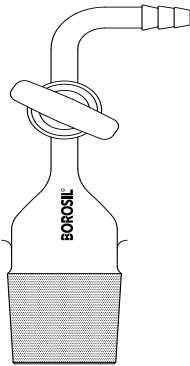
Straight Socket With Stopcock



Product Code	Cone Joint Size	Stopcock Bore mm	Quantity Per Case	Price / Piece ₹
8855014	14 / 23	2	5	1665.00
8855019	19 / 26	2	5	1675.00
8855024	24 / 29	2	5	1800.00
8855029	29 / 32	2	5	1920.00
8855034	34 / 35	2	5	2295.00

8856 - ADAPTOR

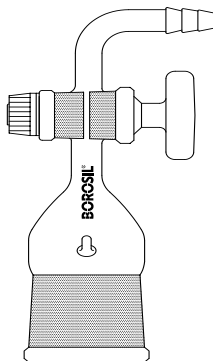
Bent Cone With Stopcock



Product Code	Cone Joint Size	Stopcock Bore mm	Quantity Per Case	Price / Piece ₹
8856014	14 / 23	2	5	1165.00
8856019	19 / 26	2	5	1675.00
8856024	24 / 29	2	5	1800.00
8856029	29 / 32	2	5	1920.00
8856034	34 / 35	2	5	2175.00

8857 - ADAPTOR

Bent Socket With Stopcock

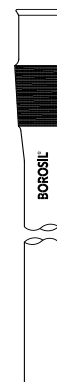


Product Code	Cone Joint Size	Stopcock Bore mm	Quantity Per Case	Price / Piece ₹
8857014	14 / 23	2	5	1770.00
8857019	19 / 26	2	5	1785.00
8857024	24 / 29	2	5	1905.00
8857029	29 / 32	2	5	2180.00
8857034	34 / 35	2	5	2385.00

8861 - THERMOMETER POCKET

Long Type

Product Code	Cone Joint Size	Stopcock Bore mm	Quantity Per Case	Price / Piece ₹
8861014	14 / 23	2	10	425.00
8861019	19 / 26	2	10	540.00
8861024	24 / 29	2	10	600.00
8861029	29 / 32	2	10	965.00
8861034	34 / 35	2	10	1135.00

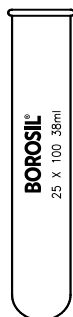
**8862 - THERMOMETER POCKET**

Short Type

Product Code	Cone Joint Size	Stopcock Bore mm	Quantity Per Case	Price / Piece ₹
8862014	14 / 23	2	10	470.00
8862019	19 / 26	2	10	570.00
8862024	24 / 29	2	10	650.00



Test Tubes



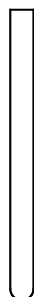
9800 - TEST TUBES

With Rim

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9800U01	3	10 x 75	800	10.00
9800U02	5	12 x 75	800	10.00
9800U03	7	12 x 100	800	14.00
9800U15	4	13 x 55*	800	16.00
9800U04	13	15 x 125	800	17.00
9800U05	15	15 x 150	400	20.00
9800U06	27	18 x 150	400	21.00
9800U07	38	25 x 100#	200	27.00
9800U08	55	25 x 150	200	33.00
9800U09	70	25 x 200	100	43.00
9800U10	100	32 x 200	50	64.00
9800U11	170	38 x 200	50	78.00

* IS : 3740 for tube widal

Not covered in the standard



9801 - TUBE FOR CULTURE COLLECTION

Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9801U01	7 x 127	800	25.00

9820 - TEST TUBES Without Rim

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9820U16	1	7 x 60*	800	10.00
9820U01	3	10 x 75***	800	10.00
9820U02	5	12 x 75**/***	800	10.00
9820U03	7	12 x 100***	800	14.00
9820U17	8	12 x 125***	800	15.00
9820U04	13	15 x 125	800	17.00
9820U05	15	15 x 150	400	20.00
9820U12	12	16 x 100***	800	19.00
9820U18	20	16 x 150***	400	24.00
9820U06	27	18 x 150	400	21.00
9820U19	25	19 x 125***	400	24.00
9820U07	38	25 x 100#	200	27.00
9820U08	55	25 x 150***	200	33.00
9820U09	70	25 x 200	100	43.00
9820U10	100	32 x 200	50	64.00
9820U11	170	38 x 200	50	78.00

* IS:3740 - 1966 for DURHAM FERMENTATION

** IS:3740 - 1966 for KAHN & WASSERMAN TEST

*** IS:3740 - 1966 for BACTERIOLOGICAL TEST

Not covered in the standard



9821 - FLAT BOTTOM TUBE Without Rim

Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9821U 42	12 x 75	800	25.00



9822 - FLAT BOTTOM TUBE With Rim

Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9822U06	18 x 138	400	50.00
9822U07	18 x 55	100	30.00
9822U04	14 x 110	800	45.00





9829 - TEST TUBE

Plain, With I/C Glass Stopper

Product Code	Capacity ml	Approx O.D. x Length mm	Stopper Size	Quantity Per Case	Price / Piece ₹
9829006	10	17 x 160	10 / 19	10	225.00
9829007	15	19 x 150	14 / 23	10	245.00
9829008	20	19 x 160	14 / 23	10	260.00
9829010	30	25 x 155	19 / 26	10	270.00
9829012	50	25 x 200	19 / 26	10	290.00
98291016	100	34 x 210	24 / 29	10	430.00



9830 - GRADUATED TEST TUBE

With I/C Glass Stopper

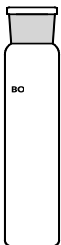
Product Code	Capacity ml	Approx O.D. x Length mm	Stopper Size	Quantity Per Case	Price / Piece ₹
9830006	10	17 x 160	10 / 19	10	245.00
9830007	15	19 x 150	14 / 23	10	275.00
9830008	20	19 x 160	14 / 23	10	290.00
9830010	30	25 x 155	19 / 26	10	300.00
9830012	50	25 x 200	19 / 26	10	315.00
9830016	100	34 x 210	24 / 29	10	475.00



9831 - GRADUATED TEST TUBE

With I/C Glass Stopper, Amber

Product Code	Capacity ml	Approx O.D. x Length mm	Stopper Size	Quantity Per Case	Price / Piece ₹
9831006	10	17 x 160	10 / 19	10	335.00
9831007	15	19 x 150	14 / 23	10	375.00
9831008	20	19 x 160	14 / 23	10	385.00
9831010	30	25 x 155	19 / 26	10	405.00
9831012	50	25 x 200	19 / 26	10	425.00
9831016	100	34 x 210	24 / 29	10	645.00



9835 - COD DIGESTION TUBE

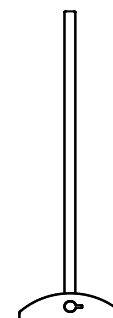
Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9835A01	36 x 205	10	505.00
9835001	39 x 205	10	505.00

9850 - GLASS STIRRER ROD

Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9850107	7 x 150	100	35.00
9850207	7 x 205	100	45.00
9850307	7 x 255	100	45.00
9850407	7 x 305	100	60.00
9850109	9 x 150	100	45.00
9850209	9 x 205	100	60.00
9850309	9 x 255	100	70.00
9850409	9 x 305	100	70.00

**9860 - GLASS STIRRER ROD With PTFE Blade**

Product Code	Shaft Dia x Length mm	Blade width mm	Socket	Suitable for flask capacity	Quantity Per Case	Price / Piece ₹
9860065	6 x 450	50	19 / 26	500 ml	10	405.00
9860071	6 x 450	75	24 / 29	1000 ml	10	505.00
9860077	8 x 600	100	34 / 35	2000 ml	5	645.00
9860080	8 x 600	125	34 / 35	5000 ml	5	710.00
9860081	10 x 750	150	55 / 44	10000 ml	5	1265.00
9860087	10 x 750	200	55 / 44	20000 ml	5	1410.00

**9865 - GLASS L SHAPED SPREADER**

Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9865683	6 x 150	100	60.00

**9900 - CULTURE TUBES**

Round Bottom, Clear, With PP Cap

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9900005	5	16 x 75	100	65.00
9900006	10	16 x 125	100	70.00
9900010	30	25 x 100	100	85.00
9900012	50	25 x 150	50	90.00
9900013	60	25 x 200	50	90.00
9900018	150#	38 x 200	50	385.00

All caps are Polypropylene with PTFE liner, except 150 ml
#Blue colour cap without PTFE liner & autoclavable up to 140°C

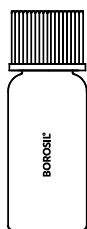
**9901 - CULTURE TUBES**

Round Bottom, Amber, With PP Cap

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
99010 05	5	16 x 75	100	115.00
99010 06	10	16 x 125	100	150.00
99010 10	30	25 x 100	100	165.00
9901013	60	25 x 200	50	220.00
9901018	150#	38 x 200	50	980.00

All caps are Polypropylene with PTFE liner, except 150 ml
#Blue colour cap without PTFE liner & autoclavable up to 140°C





9910 - CULTURE TUBE Flat Bottom, Clear, With PP Cap

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9910005	5	16 x 50	100	60.00
9910006	10	25 x 50	100	75.00
9910007	15	25 x 57	100	75.00
9910008	20	25 X 72	100	80.00
9910 010	30	25 x 95	100	85.00
9910 012	50	25 x 145	50	90.00



9911 - CULTURE TUBE Flat Bottom, Amber, With PP Cap

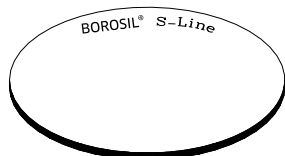
Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
9911 005	5	16 x 50	100	115.00
9911 006	10	25 x 50	100	155.00
9911 007	15	25 x 57	100	155.00
9911 008	20	25 x 72	100	185.00
9911010	30	25 x 95	100	195.00



9913 - SAMPLING & STORAGE VIALS

Product Code	Capacity ml	Approx Mouth ID in mm	Dimension O.D. x Length in mm	Case Lot (MOQ)	Price Per Piece ₹
991 3003	3	10	16 x 36	1050	35.00
991 3005	5	10	16 x 55	1050	40.00
991 3006	10	16.5	24 x 50	600	60.00
991 3007	15	16.5	24 x 58	600	65.00
991 3008	20	16.5	24 x 70	600	80.00
991 3010	30	16.5	24 x 95	600	95.00

Watch Glass

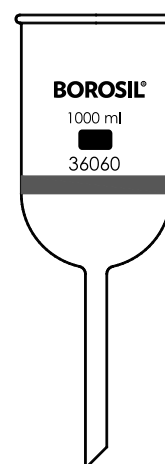


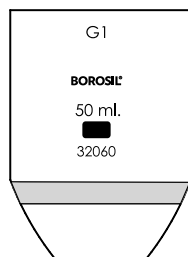
9986 - WATCH GLASSES s - Line

Product Code	Size mm	Quantity Per Case	Price / Piece ₹
9986072	80	50	105.00
9986077	100	50	120.00
9986079	120	20	130.00
9986081	150	20	165.00

Sintered
Ware**36060 - BUCHNER FUNNEL With Sintered Disc**

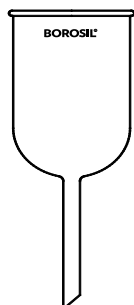
Product Code	Capacity ml	Porosity Grade	Dia of Disc mm	Approx Height mm	Stem Dia mm	Quantity Per Case	Price / Piece ₹
3606058	35	1	30	130	8	5	610.00
3606658	35	2	30	130	8	5	610.00
3606758	35	3	30	130	8	5	610.00
3606858	35	4	30	130	8	5	610.00
3606958	35	5	30	130	8	5	730.00
3606072	80	1	35	142	8	5	1185.00
3606672	80	2	35	142	8	5	1185.00
3606772	80	3	35	142	8	5	1185.00
3606872	80	4	35	142	8	5	1185.00
3606972	80	5	35	142	8	5	1435.00
3606020	200	1	68	215	13	5	1845.00
3606620	200	2	68	215	13	5	1845.00
3606720	200	3	68	215	13	5	1845.00
3606820	200	4	68	215	13	5	1845.00
3606920	200	5	68	215	13	5	2145.00
3606024	500	1	92	258	17	2	4345.00
3606624	500	2	92	258	17	2	4345.00
3606724	500	3	92	258	17	2	4345.00
3606824	500	4	92	258	17	2	4345.00
3606924	500	5	92	258	17	2	5685.00
3606029	1000	1	124	276	19	2	8400.00
3606629	1000	2	124	276	19	2	8400.00
3606729	1000	3	124	276	19	2	8400.00
3606829	1000	4	124	276	19	2	8400.00
3606929	1000	5	124	276	19	2	10740.00





32060 - GOOCH CRUCIBLE Low Form, With Sintered Disc

Product Code	Capacity ml	Porosity Grade mm	Dia of Disc mm	Approx Height	Quantity Per Case	Price / Piece ₹
3206007	15	1	20	50	10	440.00
3206607	15	2	20	50	10	440.00
3206707	15	3	20	50	10	440.00
3206807	15	4	20	50	10	440.00
3206907	15	5	20	50	10	540.00
3206010	30	1	30	60	10	585.00
3206610	30	2	30	60	10	585.00
3206710	30	3	30	60	10	585.00
3206810	30	4	30	60	10	585.00
3206910	30	5	30	60	10	720.00
3206012	50	1	40	65	10	675.00
3206612	50	2	40	65	10	675.00
3206712	50	3	40	65	10	675.00
3206812	50	4	40	65	10	675.00
3206912	50	5	40	65	10	845.00



32061 - TUBE FOR GOOCH CRUCIBLE

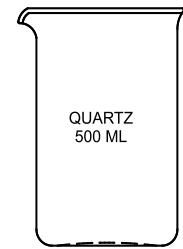
Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
3206127	27 x 150	5	195.00
3206136	36 x 160	5	275.00
3206156	56 x 170	10	410.00

These are suitable for use with our filtering crucibles Gooch Type with sintered disc, No. 32060 lower part 8 mm O.D. x 75 mm length in all sizes.

1002 - QUARTZ LOW FORM BEAKER

With Spout

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
1002009	25	35 x 45	5	1505.00
10 02012	50	40 x 58	5	2220.00
1002016	100	50 x 75	5	3415.00
10 02018	150	55 x 88	5	4420.00
1002021	250	70 x 95	1	6605.00
1002024	500	85 x 115	1	12645.00
1002029	1000	105 x 145	1	21995.00



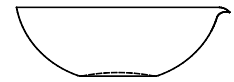
3175 - QUARTZ MUFFLE TRAYS

Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
317 5041	2 Holes	39	1	1985.00
317 5042	4 Holes	76	1	3880.00

3185 - QUARTZ ROUND DISHES/BASINS

With Spout

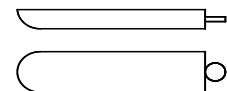
Product Code	Approx O.D. x Height mm	Nominal Capacity ml	Quantity Per Case	Price / Piece ₹
3185008	55 x 23	20	10	1305.00
3185042	75 x 27	45	5	3685.00
3185044	85 x 35	70	5	4600.00
3185045	95 x 36	85	1	7615.00
3185016	100 x 38	100	1	9165.00
3185046	115 x 47	200	1	13935.00



3186 - QUARTZ COMBUSTION BOATS

With Handle

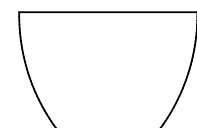
Product Code	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
3186Q01	12 x 77	1	1220.00



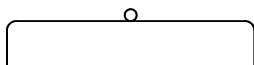
3190 - QUARTZ CRUCIBLES

Without Lid

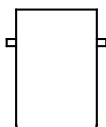
Product Code	Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Price / Piece ₹
3190007	15	40 x 26	10	715.00
3190009	25	47 x 30	10	1040.00
3190012	50	57 x 35	10	1665.00
3190015	80	69 x 45	10	2680.00
319 0018	150	80 x 54	5	4910.00



3191 - LIDS FOR QUARTZ CRUCIBLES (CAT. NO. 3190)



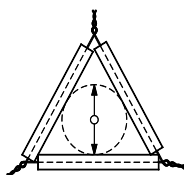
Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3191007	15	10	705.00
3191009	25	10	1000.00
3191012	50	10	1565.00
3191015	80	10	2590.00



3195, 3196 & 3197 - QUARTZ VOLATILE MATTER CRUCIBLES

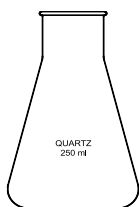
Product Code	Catalogue No.	Item	Dimension mm	Quantity Per Case	Price / Piece ₹
3195041	3195	Crucible	25 x 38	5	2010.00
3196041	3196	Plunger	12.5	5	660.00
3197041	3197	Lid		5	590.00

3198 - QUARTZ SILICA TRIANGLES on Nichrome (Translucent)



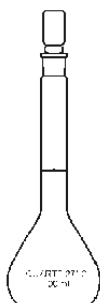
Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3198007	15	10	260.00
3198009	25	10	345.00
3198012	50	10	660.00
3198015	80	5	940.00

4984 - QUARTZ ERLLENMEYER (CONICAL) FLASK



Product Code	Capacity ml	External Dimension		Price / Piece ₹
		O.D. mm	Height mm	
4984016	100	64	105	6910.00
4984018	150	72	124	8500.00
4984021	250	85	140	10755.00

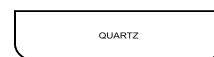
5644 - QUARTZ VOLUMETRIC FLASK With I/C Quartz Stopper, Class B



Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
5644005	5	1	5795.00
5644006	10	1	3325.00
5644009	25	1	3935.00
5644012	50	1	4710.00
5644016	100	1	6085.00
5644021	250	1	8825.00
5644024	500	1	11750.00
5644029	1000	1	23475.00

8600 - QUARTZ CIRCULAR CAPSULE

Product Code	External Dimension		Price / Piece ₹
	Height mm	Diameter mm	
8600Q01	14	48	1665.00
8600Q02	15	54	1890.00

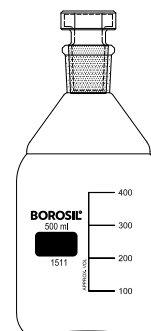


*The ash content in coal is an important parameter in determining the quality of coal. Ash reduces the calorific value of coals and hence burning coals on a large scale require knowledge of their ash content. Analysis is fairly straight forward, with the coal thoroughly burnt at 750°C to 800°C and the ash material expressed as a percentage of the original weight. It gives an indication about the quality of coal.

1511 - QUARTZ REAGENT BOTTLE

With Hollow Quartz I/C Stopper

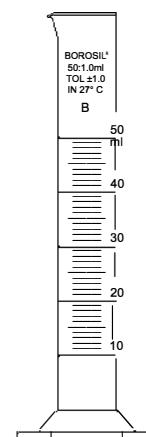
Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
1511 024	500	1	19125.00



3028 - QUARTZ MEASURING CYLINDER

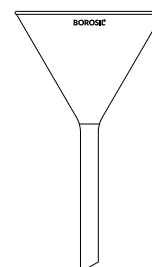
With Spout, Class B

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
3028005	5	1	7710.00
3028006	10	1	8635.00
3028009	25	1	11720.00
3028012	50	1	17890.00
3028016	100	1	24060.00
3028021	250	1	34545.00
3028024	500	1	47500.00



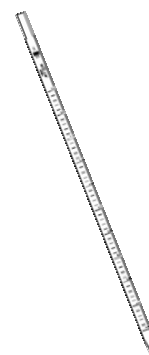
6141 - QUARTZ FILTER FUNNEL, 60°

Product Code	Capacity mm	Quantity Per Case	Price / Piece ₹
6141071	75	1	18040.00

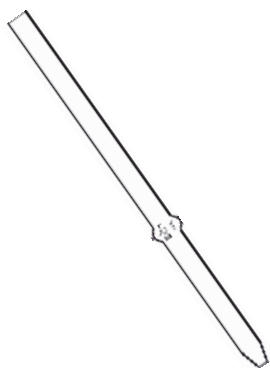


7064 - QUARTZ MOHR GRADUATED PIPETTES, CLASS B

Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
7064P41	1 x 0.01	1	9995.00
7064P22	2 x 0.1	1	6785.00
7064P55	5 x 0.1	1	8760.00
7064P06	10 x 0.1	1	10485.00



7104 - QUARTZ VOLUMETRIC PIPETTES, CLASS B



Product Code	Capacity ml	Quantity Per Case	Price / Piece ₹
710 4001	1	1	7600.00
710 4002	2	1	7660.00
710 4003	3	1	9930.00
7104004	4	1	9930.00
710 4005	5	1	9770.00
710 4706	6	1	10990.00
710 4006	10	1	13435.00

Microscope Slides & Cover Glasses

9100P02 - PLAIN

9100 - MICROSCOPE GLASS SLIDES



Product Code	Description	Dimensions mm L x B x WT	Quantity Per Packet No.	Packets / Case	Price / Packet ₹
9100P02	Plain, Ground Edges	76 x 26 x 1	50	25	195.00
910 0D01	Double Frosted, Ground Edges	76 x 26 x 1	50	25	275.00

9100D01 - DOUBLE FROSTED

L : Length x B : Breadth x WT : Wall Thickness



9115 - COVER GLASS

Product Code	Description	Dimensions mm	Quantity Per Packet / Piece	Packets / Case	Price / Packet ₹
911 5S01	Square	18 x 18	100	50	290.00
911 5S02	Square	22 x 22	100	50	430.00
911 5S03	Square	24 x 24	100	50	485.00
911 5R01	Rectangular	22 x 40	100	50	690.00
911 5R02	Rectangular	22 x 50	100	50	805.00
911 5R03	Rectangular	22 x 60	100	50	935.00

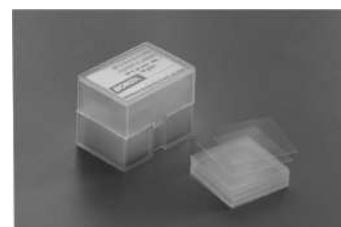
9115S01 - SQUARE



9115S02 - SQUARE



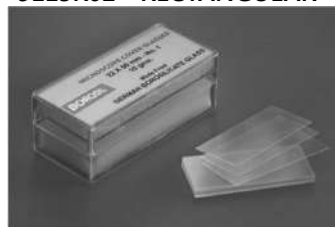
9115S03 - SQUARE



9115R01 - RECTANGULAR



9115R02 - RECTANGULAR



9115R03 - RECTANGULAR



BOROSIL[®]

Analytical Vials & Closures

*“for Labs where
compliance matters”*

Why should I choose BOROSIL vials?

No matter which make of instrument you use, it is critical that your sample is carried in a reliable vial.

Whereas, it is important that vials are made within stringent dimensions in controlled conditions to perform consistently, it is even more critical to a Chemist to be able to confidently rule out the vial as a contributor to an OOS (out of specification) incident.

BOROSIL being a manufacturer of vials, provides a Chemist access to the detailed testing & quality documentation of vials thereby enabling a chemist to investigate root causes effectively.

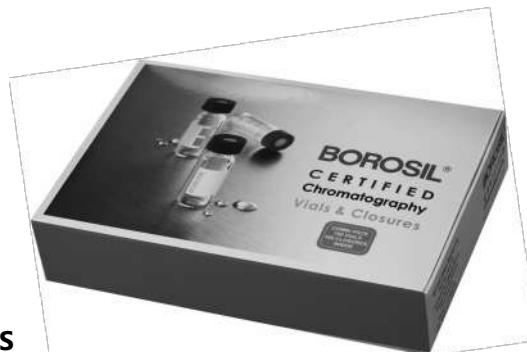


BOROSIL®Analytical Vials
& Closures“for Labs where
compliance matters”**VIALS**

Product Code	Volume	Vial Color	Special Feature 1	Neck Dia	Neck Type	Glass Detail	Application	Special Feature 3	Pack Size	Case Lot	List Price 22-23
VO02C00900S000	2ml	Clear	–	9mm	Screw	Fiolax 51	HPLC	–	100	10 X 100	1300.00
VO02A00900S000	2ml	Amber	–	9mm	Screw	Fiolax 54	HPLC	–	100	10 X 100	1700.00
VO02C10900S000	2ml	Clear	with Patch	9mm	Screw	Fiolax 51	HPLC		100	10 X 100	1550.00
VO02A10900S000	2ml	Amber	with Patch	9mm	Screw	Fiolax 54	HPLC		100	10 X 100	2100.00
VO02C01100C000	2ml	Clear	–	11mm	Crimp	Fiolax 51	HPLC		100	10 X 100	1150.00
VO02A01100C000	2ml	Amber	–	11mm	Crimp	Fiolax 54	HPLC		100	10 X 100	1350.00
VO02C11100C000	2ml	Clear	Borosil Patch	11mm	Crimp	Fiolax 51	HPLC		100	10 X 100	1250.00
VO02A11100C000	2ml	Amber	Borosil Patch	11mm	Crimp	Fiolax 54	HPLC		100	10 X 100	1650.00
VO20R12000C000	20ml	Clear	Borosil Patch	20mm	Crimp	Fiolax 51	GC Headspace	Round Bottom	100	5 X 100	3500.00
VO20F12000C000	20ml	Clear	Borosil Patch	20mm	Crimp	Fiolax 51	GC Headspace	Flat Bottom	100	5 X 100	3500.00
VO06CF2000C000	6ml	Clear	–	20mm	Crimp	Fiolax 51	Storage	Flat Bottom	172	1 X 172	On request
VO06AF2000C000	6ml	Amber	–	20mm	Crimp	Fiolax 54	Storage	Flat Bottom	172	1 X 172	On request

CLOSURES

Product Code	Cap Dia	Neck	Special Feature 1	Liner	Special Feature 2	Liner Feature	Special Feature 3	Special Feature 4	Pack Size	Case Lot	List Price 22-23
CS000009PBS124	9mm	Screw	–	Silicone PTFE	Bonded	Everyday	HPLC	Blue Cap	100	10 X 100	1650.00
CS000009PBS114	9mm	Screw	Pre Slit	Silicone PTFE	Bonded	Everyday	HPLC	Blue Cap	100	10 X 100	1650.00
CS000009PBS113	9mm	Screw	Pre Slit	Silicone PTFE	Bonded	Standard	HPLC	Blue Cap	100	10 X 100	2500.00
CS000011ASC021	11mm	Crimp	–	Silicone PTFE	–	Everyday	HPLC	Silver Aluminum Cap	100	10 X 100	1250.00
CS000011ASC022	11mm	Crimp	Pre Slit	Silicone PTFE	–	Everyday	HPLC	Silver Aluminum Cap	100	10 X 100	1500.00
CS000020ASC041	20mm	Crimp	–	Silicone PTFE	–	Low Bleed	GC Headspace	Silver Aluminum Cap	100	5 X 100	4100.00



CONVENIENCE KITS OF VIALS WITH CAPS

Product Code	Cap / Neck Dia	Neck	Special Feature 1	Liner	Vial Colour	Glass	Application	Special Feature 2	Pack Size	Case Lot	Price 22-23
VC02C009PBS124	9mm	Screw	–	Silicone PTFE	Clear	Fiolax 51	HPLC	Bonded	100	10 X 100	2700.00
VC02C009PBS114	9mm	Screw	Pre Slit	Silicone PTFE	Clear	Fiolax 51	HPLC	Bonded	100	10 X 100	2700.00
VC02C109PBS124	9mm	Screw	–	Silicone PTFE	Clear	Fiolax 51	HPLC	Bonded	100	10 X 100	2950.00
VC02C109PBS114	9mm	Screw	Pre Slit	Silicone PTFE	Clear	Fiolax 51	HPLC	Bonded	100	10 X 100	2950.00
VC02C109PBS113	9mm	Screw	Pre Slit	Silicone PTFE	Clear	Fiolax 51	HPLC	Bonded	100	10 X 100	3600.00
VC02A009PBS124	9mm	Screw	–	Silicone PTFE	Amber	Fiolax 54	HPLC	Bonded	100	10 X 100	3150.00
VC02A009PBS114	9mm	Screw	Pre Slit	Silicone PTFE	Amber	Fiolax 54	HPLC	Bonded	100	10 X 100	3150.00
VC02A109PBS124	9mm	Screw	–	Silicone PTFE	Amber	Fiolax 54	HPLC	Bonded	100	10 X 100	3400.00
VC02A109PBS114	9mm	Screw	Pre Slit	Silicone PTFE	Amber	Fiolax 54	HPLC	Bonded	100	10 X 100	3500.00
VC02A109PBS113	9mm	Screw	Pre Slit	Silicone PTFE	Amber	Fiolax 54	HPLC	Bonded	100	10 X 100	4100.00
VC02C409PBS113	9mm	Screw	Pre Slit	Silicone PTFE	Clear	Boro 33	HPLC	Bonded	100	10 X 100	4600.00
VC02C409PBSUM1	9mm	Screw	Pre Slit	Silicone PTFE	Clear	Boro 33	HPLC	Bonded	100	10 X 100	5400.00
VC02C409PBSUM2	9mm	Screw	–	Silicone PTFE	Clear	Boro 33	HPLC	Bonded	100	10 X 100	5400.00
VC02C011ASC021	11mm	Crimp	–	Silicone PTFE	Clear	Fiolax 51	HPLC	–	100	10 X 100	2200.00
VC02C011ASC022	11mm	Crimp	Pre Slit	Silicone PTFE	Clear	Fiolax 51	HPLC	–	100	10 X 100	2400.00
VC02C111ASC021	11mm	Crimp	–	Silicone PTFE	Clear	Fiolax 51	HPLC	–	100	10 X 100	2300.00
VC02C111ASC022	11mm	Crimp	Pre Slit	Silicone PTFE	Clear	Fiolax 51	HPLC	–	100	10 X 100	2500.00
VC02A011ASC021	11mm	Crimp	–	Silicone PTFE	Amber	Fiolax 54	HPLC	–	100	10 X 100	2300.00
VC02A011ASC022	11mm	Crimp	Pre Slit	Silicone PTFE	Amber	Fiolax 54	HPLC	–	100	10 X 100	2500.00
VC02A111ASC021	11mm	Crimp	–	Silicone PTFE	Amber	Fiolax 54	HPLC	–	100	10 X 100	2600.00
VC02A111ASC022	11mm	Crimp	Pre Slit	Silicone PTFE	Amber	Fiolax 54	HPLC	–	100	10 X 100	2750.00
VC20R120ASC041	20mm	Crimp	–	Silicone PTFE	Clear	Fiolax 51	GC Headspace	–	100	5 X 100	7650.00
VC20F120ASC041	20mm	Crimp	–	Silicone PTFE	Clear	Fiolax 51	GC Headspace	–	100	5 X 100	7650.00
VC40C124POS111	24mm	Screw	Protective cap	Silicone PTFE	Clear	Fiolax 51	EPA	Bonded	72	1 X 72	15400.00

Lab Accessories



TONGS FOR BEAKERS & FLASKS

Product Code	Description	Size Inches	Case Lot No.	Price / Piece ₹
LATG8888B10	Beaker tong	10	6	390.00
LATG8888B12	Beaker tong	12	6	520.00
LATG8888F10	Flask tong	10	6	495.00
LATG8888F12	Flaks tong	12	6	615.00



TONGS FOR CRUCIBLE

Product Code	Description	Size Inches	Case Lot No.	Price / Piece ₹
LACT8888006	Crucible tong with bow stainless steel	6	6	195.00
LACT8888008	Crucible tong with bow stainless steel	8	6	245.00
LACT8888010	Tong crucible, SS,	10	6	340.00
LACT8888012	Crucible tong with bow stainless steel	12	6	455.00



CLAMPS

Product Code	Description	Case Lot No.	Price / Piece ₹
LAFC8888Z02	Two finger clamp, Zinc pressure die casted	10	390.00
LAFC8888AD3	Three finger clamp, Aluminum pressure die casted	10	455.00
LAFC8888ZD4	Four finger clamp, Zinc pressure die casted	10	390.00
LAFC8888AD4	Four finger clamp Aluminum pressure die casted	10	415.00



CLAMPS WITH BOSSHEAD

Product Code	Description	Case Lot No.	Price / Piece ₹
LAFC8888Z03	Two finger clamp (Zinc PDC) with adjustable bosshead	12	705.00
LAFC8888A03	Three finger clamp (Aluminium PDC) with adjustable bosshead	12	705.00
LAFC8888Z04	Four finger clamp (Zinc PDC) with adjustable bosshead	12	775.00
LAFC8888A04	Four finger clamp (Aluminium PDC) with adjustable bosshead	12	810.00

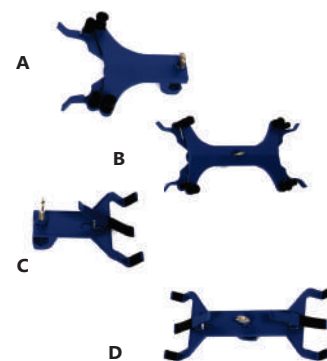


UNIVERSAL CLAMPS

Product Code	Description	Case Lot No.	Price / Piece ₹
LABC8888SC1	Single Burette clamp, PVC coated jaws stainless steel	12	520.00
LABC8888S01	Single Burette clamp, PVC uncoated jaws, stainless steel	12	455.00

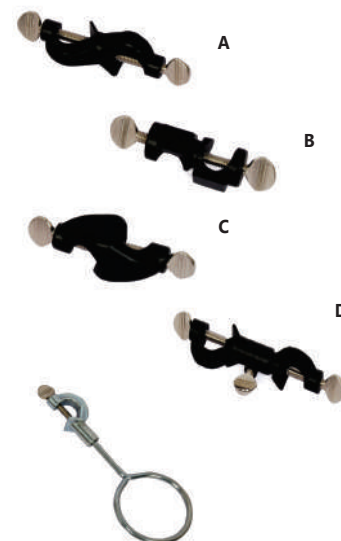
BURETTE CLAMPS

Product Code	Description	Case Lot No.	Price / Piece ₹
LABC8888B01	Single burette clamp, Aluminium PDC Fig. A	6	775.00
LABC8888A02	Double burette clamp, Aluminium PDC Fig. B	6	775.00
LABC8888AE1	Single burette clamp, Aluminium PDC (Eco.) Fig. C	6	390.00
LABC8888AE2	Double burette clamp, Aluminium PDC (Eco.) Fig. D	6	520.00



BOSSHEADS

Product Code	Description	Case Lot No.	Price / Piece ₹
LABH8888RBL	Regular bosshead Zinc PDC Fig. A	12	195.00
LABH8888OBL	Round bosshead Zinc PDC Fig. B	12	245.00
LABH8888JBL	Jumbo bosshead Aluminum PDC Fig. C	12	520.00
LABH8888SBL	Swivel bosshead Zinc PDC Fig. D	12	345.00



RETORT RING

Product Code	Description	Size in Inches	Case Lot No.	Price / Piece ₹
LARR8888003	Retort Ring with bosshead	3	6	320.00
LARR8888004	Retort Ring with bosshead	4	6	405.00

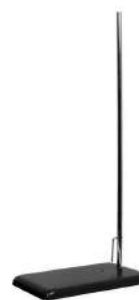
RETORT BASE

Product Code	Description	Size Inches	Case Lot No.	Price / Piece ₹
LARB8888H06	Retort base, Heavy	6" x 4"	6	705.00
LARB8888H08	Retort base, Heavy	8" x 5"	6	840.00
LARB8888H10	Retort base, Heavy	10" x 6"	6	1415.00



ROD FOR RETORT BASE

Product Code	Description	Approx O.D. x Height mm	Case Lot No.	Price / Piece ₹
LARS8888500	Retort Rod (SS Grade 201)	12 x 500	2	495.00
LARS8888600	Retort Rod (SS Grade 201)	12 x 600	2	600.00
LARS8888750	Retort Rod (SS Grade 201)	12 x 750	2	685.00



TEST TUBE STAND

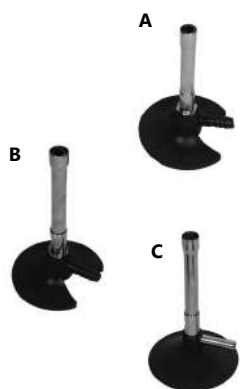
Product Code	Description	Case Lot No.	Price / Piece ₹
LATS8888H19	Z' Shape Test Tube Stand, Aluminum, 19 hole assorted	6	520.00
LATS8888H25	'Z' Shape Test tube stand, 25 hole for 16mm tube	6	520.00



TEST TUBE HOLDER

Product Code	Description	Case Lot No.	Price / Piece ₹
LATH8888000	Test tube holder, cross pattern, Stainless steel	24	225.00

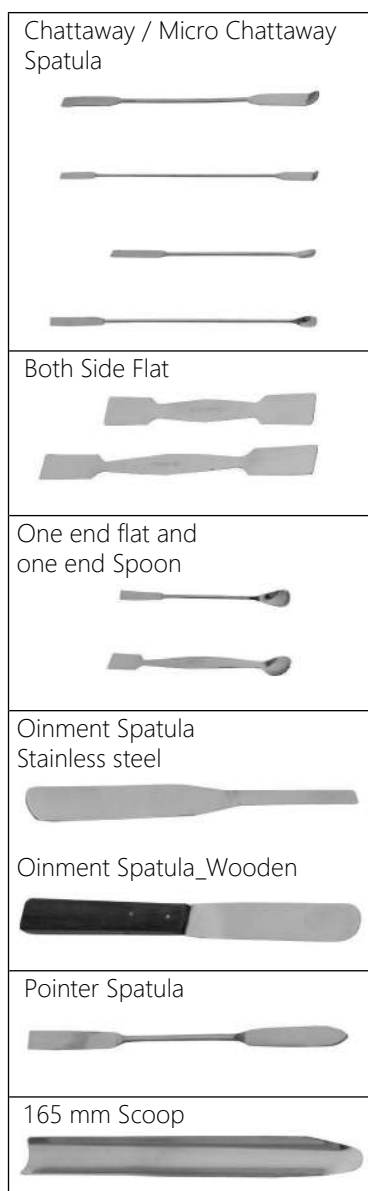




BURNERS

Product Code	Description	Case Lot No.	Price / Piece ₹
LABR8888Z11	Bunsen burner, Zinc PDC base with 11 m m brass pipe for L.P.G. Fig. A	2	970.00
LABR8888Z13	Bunsen burner, Zinc PDC base with 13 mm brass pipe for L.P.G. Fig. B	2	970.00
LABR8888013	Burner, sheet metal base with 13 mm pipe, for L.P.G. Fig. C	2	775.00

SPATULAS



Product Code	Description	Size in Inches	Case Lot No.	Price / Piece ₹
LACS8888006	Chattaway Spatula	6	20	80.00
LACS8888008	Chattaway Spatula	8	20	90.00
LASL8888C08	Micro Chattaway Spatula	8	20	85.00
LASC8888M06	Micro Scoop	6	10	70.00
LASC8888SM6	Semi Micro Spatula	6	10	105.00
LASL8888075	Big Spoon Spatula	7.5	10	150.00
LASL8888009	Big Spoon Spatula	9	10	165.00
LASP8888B06	Both side flat	6	20	85.00
LASP8888B08	Both side flat	8	20	115.00
LASP8888004	One end flat and one end Spoon	4	50	65.00
LASP8888006	One end flat and one end Spoon	6	50	70.00
LASP8888008	One end flat and one end Spoon	8	50	105.00
LASP8888010	One end flat and one end Spoon	10	50	155.00
LASP8888012	One end flat and one end Spoon	12	50	185.00
LASO8888W04	Ointment Spatula	4	10	195.00
LASO8888W06	Ointment Spatula Wooden Handle	6	10	215.00
LATG8888S06	Ointment Spatula Forged Stainless Steel	6	10	425.00
LASL8888P06	Pointer Spatula	6	10	115.00
LASC8888165	165 mm Scoop	6.5	10	105.00
LASL8888510	Big Spoon Spatula	10	10	295.00

* For products listed on the above table use HSN code 90189022

FORCEPS POINTED

Product Code	Description	Case Lot No.	Price / Piece ₹
LAFP8888004	Forceps, Pointed dissecting, 4"	10	120.00
LAFP8888005	Forceps, Pointed dissecting, 5"	10	160.00
LAFP8888006	Forceps, Pointed dissecting, 6"	10	195.00

**FORCEPS PTFE POINTED**

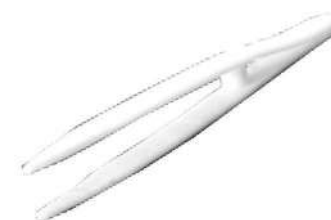
Product Code	Description	Case Lot No.	Price / Piece ₹
LAFPP8888004	Forceps, PTFE, Pointed end, 4"	10	1690.00
LAFPP8888006	Forceps, PTFE, Pointed end, 6"	10	2175.00

**FORCEPS BLUNT DISSECTING**

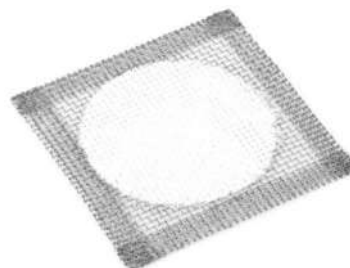
Product Code	Description	Case Lot No.	Price / Piece ₹
LAFB8888005	Forceps, Blunt dissecting, 5"	10	175.00
LAFB8888006	Forceps, Blunt dissecting, 6"	10	185.00
LAFB8888008	Forceps, Blunt dissecting, 8"	10	255.00

**FORCEPS PTFE BLUNT**

Product Code	Description	Case Lot No.	Price / Piece ₹
LAFBP8888004	Forceps, PTFE, Blunt end, 4"	10	1690.00
LAFBP8888006	Forceps, PTFE, Blunt end, 6"	10	2175.00

**WIRE GAUGE**

Product Code	Description	Case Lot No.	Price / Piece ₹
LAWG8888C06	Wire Gauge with Ceramic center 5" x 5"	10	145.00
LAWG8888C05	Wire Gauge with Ceramic center 6" x 6"	10	115.00

**TRIANGULAR TRIPOD**

Product Code	Description	Case Lot No.	Price / Piece ₹
LATT8888200	Triangular Tripod, SS, 200 x 125 mm	2	680.00



NEW

BOROSIL[®]

Laboratory
Filter Media



In technical collaboration with
Hahnemühle



INTRODUCING
Range of Laboratory Filter Papers
and Glass Fibre Filters



For varied applications in

• AGRICULTURE • ENVIRONMENTAL ANALYSIS • CHEMICALS • FOOD & BEVERAGES • PHARMACEUTICALS

QUALITATIVE FILTER PAPERS

High Purity Qualitative filter papers for routine laboratory filtration

TECHNICAL DATA

Grade	Sample	Speed	Retention rate [µm]	Filtration Herzberg (s)	Thickness (mm)	Weight [g/m ²]
B59501	Medium fine precipitates	Medium fast, thin	4 – 7	160	0.15	68
B59702	Medium-fine, crystalline precipitates	Medium fast	4 – 7	155	0.18	85
B59303	Fine precipitates	Medium slow	2 – 5	450	0.17	84
B60404	Coarse precipitates	Fast	12 – 25	50	0.19	79



ORDERING INFORMATION

Filter Paper Circles

Product code	Grade name	Size (dia in mm)	Pack size	List Price
FPB595010070	B59501	70	100	1207.00
FPB595010090	B59501	90	100	1036.00
FPB595010110	B59501	110	100	1140.00
FPB595010125	B59501	125	100	1283.00
FPB595010150	B59501	150	100	1520.00
FPB595010185	B59501	185	100	2271.00
FPB595010240	B59501	240	100	4712.00

HSN Code : 48232000

QUALITATIVE FILTER PAPERS

High Purity Qualitative filter papers for routine laboratory filtration

ORDERING INFORMATION

Filter Paper Circles

Product code	Grade name	Size (dia in mm)	Pack size	List Price
FPB597020070	B59702	70	100	1273.00
FPB597020090	B59702	90	100	1273.00
FPB597020110	B59702	110	100	1387.00
FPB597020125	B59702	125	100	1530.00
FPB597020150	B59702	150	100	2271.00

HSN Code : 48232000

Filter Paper Circles

Product code	Grade name	Size (dia in mm)	Pack size	List Price
FPB593030070	B59303	70	100	1910.00
FPB593030090	B59303	90	100	2081.00
FPB593030110	B59303	110	100	2005.00
FPB593030125	B59303	125	100	2812.00
FPB593030150	B59303	150	100	2936.00

HSN Code : 48232000

Filter Paper Circles

Product code	Grade name	Size (dia in mm)	Pack size	List Price
FPB604040047	B60404	47	100	1093.00
FPB604040055	B60404	55	100	1093.00
FPB604040070	B60404	70	100	1093.00
FPB604040090	B60404	90	100	1197.00
FPB604040110	B60404	110	100	1473.00
FPB604040125	B60404	125	100	1720.00
FPB604040150	B60404	150	100	2385.00
FPB604040185	B60404	185	100	3335.00
FPB604040240	B60404	240	100	5957.00
FPB604040320	B60404	320	100	9586.00

HSN Code : 48232000

Filter Paper Sheets

Product code*	Grade name	Size of Sheets (in cm)	Pack size	List Price
FPB595014657	B59501	46*57	100	12493.00
FPB597024657	B59702	46*57	100	20083.00
FPB593034657	B59303	46*57	100	36604.00
FPB604044657	B60404	46*57	100	25090.00

HSN Code : 48054000

QUANTITATIVE FILTER PAPERS

Ashless quantitative filter papers for precise gravimetric tests, quantitative analysis of elements and sample preparation for instrumental analysis.

TECHNICAL DATA

Grade	Sample	Speed	Retention rate [µm]	Filtration Herzberg (s)	Thickness (mm)	Weight [g/m ²]	Avg ash content
B58940	Fine crystalline precipitates	Medium	2-4	450	0.17	84	0.004%
B58941	Coarse and gelatinous precipitates	Fast	12-25	50	0.19	79	0.004%
B58942	Very fine crystalline precipitates	Slow	<2	750**	0.16	84	0.004%
B58943	Coarse precipitates	Medium fast	4-12	140	0.18	85	0.004%
B58944	Fine crystalline precipitates	Slow thin	2	900	0.15	74	0.004%

* Approximate values, ** Measured with 100mm water column instead of 50 mm



ORDERING INFORMATION

Filter Paper Circles

Product code	Grade name	Size (dia in cm)	Pack size	List Price
FPB589400070	B58940	70	100	2081.00
FPB589400090	B58940	90	100	2632.00
FPB589400110	B58940	110	100	3164.00
FPB589400125	B58940	125	100	3943.00
FPB589400150	B58940	150	100	5197.00
FPB589400185	B58940	185	100	8370.00
FPB589400240	B58940	240	100	16882.00

HSN Code: 48232000

QUANTITATIVE FILTER PAPERS

Ashless quantitative filter papers for precise gravimetric tests, quantitative analysis of elements and sample preparation for instrumental analysis.

ORDERING INFORMATION

Filter Paper Circles

Product code	Grade name	Size (dia in cm)	Pack size	List Price
FPB589410070	B58941	70	100	2166.00
FPB589410090	B58941	90	100	2746.00
FPB589410110	B58941	110	100	3677.00
FPB589410125	B58941	125	100	4161.00
FPB589410150	B58941	150	100	8123.00
FPB589410185	B58941	185	100	16065.00

HSN Code: 48232000

Filter Paper Circles

Product code	Grade name	Size (dia in cm)	Pack size	List Price
FPB589420055	B58942	55	100	1777.00
FPB589420070	B58942	70	100	2166.00
FPB589420090	B58942	90	100	2632.00
FPB589420110	B58942	110	100	3306.00
FPB589420125	B58942	125	100	3943.00

HSN Code: 48232000

Filter Paper Circles

Product code	Grade name	Size (dia in cm)	Pack size	List Price
FPB589430012	B58943	12.7	1000	3010.00
FPB589430125	B58943	125	100	3914.00

HSN Code: 48232000

Filter Paper Circles

Product code	Grade name	Size (dia in cm)	Pack size	List Price
FPB589440090	B58944	90	100	2955.00
FPB589440110	B58944	110	100	3572.00
FPB589440125	B58944	125	100	4038.00
FPB589440150	B58944	150	100	6878.00
FPB589440185	B58944	185	100	9633.00

HSN Code: 48232000

Filter Paper Sheets

Product code	Grade name	Size of Sheets (in cm)	Pack size	List Price
FPB589404657	B58940	46*57	100	53514.00
FPB589414657	B58941	46*57	100	50531.00

HSN Code: 48054000

HARDENED ASHLESS FILTER PAPERS

Hardened ashless quantitative filter papers for quantitative and gravimetric analysis requiring high pressure or aggressive chemicals

TECHNICAL DATA

Grade	Sample	Speed	Retention rate [µm]	Filtration Herzberg (s)	Thickness (mm)	Weight [g/m ²]	Avg ash content
B15540	Fine crystalline precipitates	Medium	4-12	170	0.16	90	0.003%
B15542	Very fine crystalline precipitates	Slow	≤2	600**	0.14	90	0.003%

* Approximate values, ** Measured with 100mm water column instead of 50 mm

ORDERING INFORMATION

Filter Circles

Product code	Grade name	Size (dia in mm)	Pack size	List Price
FPB155400125	B15540	125	100	5159.00
FPB155400150	B15540	150	100	7534.00

HSN Code : 48232000



Filter Circles

Product code	Grade name	Size (dia in mm)	Pack size	List Price
FPB155420125	B15542	125	100	5491.00
FPB155420150	B15542	150	100	8123.00

HSN Code : 48232000

GLASS FIBRE FILTERS

Made of 100% micro-borosilicate glass fibres, these filters are recommended for air and water pollution analysis.

TECHNICAL DATA

Type	Air permeability* (Resistance ** mbar) [L/m ² s]	Retention rate % NaCl-particle size <1 µm ***	Filtration Gurley [s]	Weight [g/m ²]	Thickness [mm]	Max T [°C]	Retention range [µm]
BGF50A	25	99.97	19	56	0.29	500	1-3

* as per DIN 53887 ** Air resistance at 400cm³/s, A = 10cm² *** Tested with NaCl particles size <1 µm, main fraction at 0.3 to 0.5 µm

ORDERING INFORMATION

Product code	Grade name	Size	Pack size	List Price
FPBGF50A0047	BGF50A	47mm diameter	100	3800.00
FPBGF50A203254	BGF50A	203*254mm sheet (8*10 inches)	100	25707.00

HSN Code: 70193200



MAGNUS KJELDAHL BLOCK DIGESTERS

Kjeldahl Digestion Systems for highly reproducible results for nitrogen estimation by Kjeldahl method

TECHNICAL DATA & ORDERING INFORMATION

Model Name	KBD083	KBD123	KBD203
Type	Block Digester	Block Digester	Block Digester
No. of positions	8	12	20
Tube capacity (ml)	250 / 400		
Temperature Range	Ambient to 470°C		
Timer Range	1-300 mins		
Temperature Precision	±1°C		
Ramp and Hold	upto 4		
Presets	upto 50		
Auto scrubber ON/OFF	Yes		
PID control	Yes		
Autolift	Yes		
Auto OFF after achieving set time	Yes		
Temperature Calibration	Yes, single and two point		
PC & Printer Connectivity	Yes		
Display	Graphical LCD		
Body	Stainless steel with GRP control panel		
Current Consumption	6A	8A	12A
Dimensions (W x D x H)	(416 X 554 X 595) mm		(410 x 585 x 735) mm
Power Consumption	1400W	1600W	2800W
Ordering Code	BLFAKBD08300000000	BLFAKBD12300000000	BLFAKBD20300000000
Prices / Piece	On request		

HSN Code: 84790000

OPTIONAL ACCESSORIES

Description	Product Code	List Price
VITON Rubber tube - 10MMIDx14MMOD - 1Mtr	BLA0VRT10D0014DBLK	1800.00
TEFLON Fume Cap ACCS (Case Lot -01 No)	BLAAFUT100PTFE1651	1000.00
KBD083 Test tube holder ACCS	BLAAKBD08320000000	10000.00
KBD123 Test tube holder ACCS	BLAAKBD12320000000	12000.00
KBD203 Test tube holder ACCS	BLAAKBD20320000000	14400.00
KBD083 Fume Extractor ACCS	BLAAKBD08330000000	18400.00
KBD123 Fume Extractor ACCS	BLAAKBD12330000000	24400.00
KBD 203 Fume Extractor ACCS	BLAAKBD20330000000	26800.00
KBD080 Fume Extractor Glass ACCS	BLA0FUTKBD080D2510	6800.00
KBD200 Fume Extractor Glass ACCS	BLA0FUTKBD200D2510	8000.00
KBD082 Cooling Tray ASM ACCS	BLAAKBD08250000000	3800.00
KBD123 Cooling Tray ASM ACCS	BLAAKBD12350000000	4800.00
KBD203 Cooling Tray ASM ACCS	BLAAKBD20350000000	6000.00
250 ml Borosilicate Test Tube ASM (Case lot-5)	BLMATTB01041250000	10800.00
Quartz Test Tube 250ml ASM (Case lot-2)	BLGATTQ01041250000	10400.00
400 ml Borosilicate Test Tube ASM (Case lot-5)	BLAATTB01050400001	13000.00
8 Position Thawing Station 2X4	BLFATHW08100000000	10680.00
12 Position Thawing Station 6X2	BLFATHW12100000000	11215.00
20 Position Thawing Station 5X4	BLFATHW20000000000	19500.00



ORACLE KJELDAHL BLOCK DIGESTERS

Kjeldahl Digestion Systems for highly reproducible results for nitrogen estimation by Kjeldahl method

TECHNICAL DATA & ORDERING INFORMATION

Model Name	KBD062	KBD082	KBD122
Type	Block		
No. of positions	6	8	12
Tube capacity (ml)	250	250	250
Temperature Range	Ambient to 470°C		
Timer Range	1-300 mins		
Temperature Precision	±1°C		
Ramp and Hold	upto 4		
Presets	upto 50		
Auto scrubber ON/OFF	Yes		
PID control	Yes		
Auto OFF after achieving set time	Yes		
Temperature Calibration	Yes, single and two point		
PC & Printer Connectivity	Yes		
Display	Graphical LCD		
Body	Stainless steel with GRP control pannel		
Current Consumption	6A	6A	8A
Dimensions (W x D x H) mm	(414 X 450 X 665)	(416 X 554 X 595)	
Power Consumption	1300W	1400W	1600W
Ordering Code	BLFAKBD06200000000	BLFAKBD08200000000	BLFAKBD12200000000
Prices / Piece	On request		

HSN Code: 84790000

OPTIONAL ACCESSORIES

Description	Product Code	List Price
VITON Rubber Tube-10MMIDx14MMOD - 1Mtr	BLA0VRT10D0014DBLK	1800.00
TEFLON Fume Cap ACCS (Case Lot -01 No)	BLAAFUT100PTFE1651	1000.00
KBD062 Test Tube Holder ACCS	BLAAKBD06220000000	8800.00
KBD082 Test Tube Holder ACCS	BLAAKBD08220000000	9200.00
KBD122 Test Tube Holder ACCS	BLAAKBD12220000000	10800.00
KBD062 Fume Extractor ACCS	BLAAKBD06230000000	16000.00
KBD082 Fume Extractor ACCS	BLAAKBD08230000000	18400.00
KBD122 Fume Extractor ACCS	BLAAKBD12230000000	22000.00
KBD060 Fume Extractor Glass ACCS	BLA0FUTKBD060D2510	6000.00
KBD080 Fume Extractor Glass ACCS	BLA0FUTKBD080D2510	6800.00
KBD062 Cooling Tray ASM ACCS	BLAAKBD06170000000	3600.00
KBD082 Cooling Tray ASM ACCS	BLAAKBD08250000000	3800.00
KBD123 Cooling Tray ASM ACCS	BLAAKBD12350000000	4800.00
250 ml Borosilicate Test Tube ASM (Case lot-5)	BLMATTB01041250000	10800.00
Quartz Test Tube 250ml ASM (Case lot-2)	BLGATTQ01041250000	10400.00
400 ml Borosilicate Test Tube ASM (Case lot-5)	BLAATTB01050400001	13000.00
6 Position Thawing Station 2X3	BLFATHW06100000000	11050.00
8 Position Thawing Station 2X4	BLFATHW08100000000	10680.00
12 Position Thawing Station 6X2	BLFATHW12100000000	11215.00



FUME SCRUBBER

Safe, zero exposure & high capacity fume scrubber for Kjeldahl digestion systems

TECHNICAL DATA & ORDERING INFORMATION

Model Name	KSC010	KSC020
Current Consumption	1A	1A
Pump delivery Rate	28 Ltr/Min	45 Ltr/Min
Dimensions (WxDxH)	(445 x 375 x 460) mm	(365 x 375 x 480) mm
Ordering Code	BLFAKSC01000000000	BLFAKSC02000000000
Prices / Piece	On request	

HSN Code : 84141000



OPTIONAL ACCESSORIES

Description	Product Code	List Price
KSILICON Transt Tube-8MMIDx10MMOD - 1Mtr	BLA0STT8D00012TRNP	800.00
VITON Rubber Tube - 10MMIDx14MMOD - 1Mtr	BLA0VRT10D0014DBLK	1800.00
KSC Condenser V2 ASM	BLAAFUTV2KSCCD2932	4000.00
KSC Carbon Bottle ASM	BLAACRB02020018000	3200.00
2L Reagent bottle - 1500030 ASM	BLA0BGW10001500030	4400.00

CLASSICAL KJELDAHL DISTILLATION UNIT

Safe, simple, efficient distillation systems for labs

TECHNICAL DATA & ORDERING INFORMATION

Model Name	CKD015	CKD065
No. of positions	1	6
Flask Capacity	500ml Kjeldahl flask. Also compatible with 800ml Kjeldahl flask	
Element Temperature	450 °C	
Temperature accuracy	±1.0°C	
Temperature regulators	1	6
Display	LED Display with time, safe temperature & process status	
Timer	1-999 Minutes	
Power consumption	150W	900W
Electrical regulation	0.65A	3.9A
Ordering Code	BLFACKD01500000000	BLFACKD06500000000
Price/ unit	On request	

HSN Code : 84198990



OPTIONAL ACCESSORIES

Description	Product Code	List Price
BTL Graham Condensor 200mm Jacket ACCS	BLA0BGW200KJDLGHM0	2400.00
Classical Kjeldhal Splash Head - 2429 ACCS	BLA0KSH24291926CKJ	2200.00
CKD065 without Stand ASM	BLAACKD06500000000	51200.00
CKD065 with Stand ASM	BLAACKD06500000001	65600.00
CKD015 Stand ASM	BLAHCKD01510000000	3400.00

MAGNUS KJELDAHL DISTILLATION UNIT

Smart, efficient distillation systems for labs

TECHNICAL DATA & ORDERING INFORMATION

Model Name	KDI050
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
Boric acid addition	Automatic
Tube Drain	Automatic
Display	7" colored touch screen
Tube Capacity (ml)	250 / 400ml
Steam power (Adjustable)	10-100%
Minimum distillation time (mins)	5
Reagent level sensor	Yes
Anytime alkali addition	Yes
Tube error detection	Yes
Door close sensor	Yes
Process resume from stop	Yes
One point alkali and distilled water pump	Yes
Two point calibration for acid pump	Yes
Real time monitoring of process parameter	Yes
SELV protection	Yes
Programs	40 preset, 30 user editable
PC Connectivity	Yes
Nitrogen recovery	>99.5%
Nitrogen reproducibility	±1 %
RSD	<1%
LOD	1-200mg with of ≥ 0.1 mg of Nitrogen
Current Consumption	10A
Power consumption	1500 W
Dimension (L X B X H) mm	(480 X 470 X 820) mm
Ordering Code	BLFAKDI05000000000
Prices / Piece	On request

HSN Code : 84790000



OPTIONAL ACCESSORIES

Description	Product Code	List Price
SILICON Transt Tube - 8MMIDX10MMOD - 1Mtr	BLA0STT8D00012TRNP	800.00
Clear Braided PVC Hose Pipe ACCS - 1Mtr	BLA0PIPPVC0HOS00CB	600.00
KDI PTFE Tube - 10mm OD X 08mm ID - 1Mtr	BLA0TUB000PTFE1008	2000.00
KDI FLOW SWITCH ASM ACCS	BLAAKDI05010000001	4000.00
KDI Drip Tray ASM	BLA0KDI000DRP0TRAY	3200.00
Oven Mittes - KDI ASM	BLA0OVM000KDI00000	1000.00
KDI PP Jerry Can ACCS	BLA0JCNPP00000005L	360.00

ORACLE KJELDAHL DISTILLATION SYSTEM

Smart, efficient distillation systems for labs

TECHNICAL DATA & ORDERING INFORMATION

Model Name	KDI040
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
Boric acid addition	Automatic
Input for 20 sample processing	NA
Display	LCD
Tube Capacity (ml)	250 / 400ml
Steam power (Adjustable)	25%-100%
Minimum distillation Time (mins)	5
Reagent level sensor	Yes
Anytime alkali addition	Yes
Tube error detection	Yes
Door close sensor	Yes
Process resume from stop	Yes
One point alkali and distilled water pumps	Yes
Two point calibration for acid pump	Yes
Real time monitoring of process parameter	Yes
SELV protection	Yes
User Editable Programs	50 (10 pre defined editable programs)
Nitrogen recovery	>99.5%
Nitrogen reproducibility	±1 %
RSD	<1%
LOD	1-200mg with of ≥ 0.1 mg of Nitrogen
Current Consumption	5.5 A
Power consumption	1000 W
Dimension (L X B X H)	(650 x 350 x 725) mm
Ordering Code	BLFAKDI04000000000
Prices / Piece	On request

HSN Code : 84790000



OPTIONAL ACCESSORIES

Description	Product Code	List Price
SILICON Transt Tube - 8MMIDX10MMOD - 1Mtr	BLA0STT8D00012TRNP	800.00
Clear Braided PVC Hose Pipe ACCS - 1Mtr	BLA0PIPPVC0HOS00CB	600.00
KDI PTFE Tube - 10mm OD X 08mm ID - 1Mtr	BLA0TUB000PTFE1008	2000.00
KDI FLOW SWITCH ASM ACCS	BLAAKDI05010000001	4000.00
KDI Drip Tray ASM	BLA0KDI000DRP0TRAY	3200.00
Oven Mittes - KDI ASM	BLA0OVM000KDI00000	1000.00
KDI PP Jerry Can ACCS	BLA0JCNPP00000005L	360.00

ALCOHOL DISTILLATION UNIT WITH CHILLER

Smart, efficient distillation systems for labs

TECHNICAL DATA & ORDERING INFORMATION

Model Name	KDI010
Tube capacity (ml)	250 ml/ 400 ml
Steam addition	Automatic
Display	24 X 7 LCD
Cooling water flow rate sensor	Yes
Drip tray	Yes
Visual reagent level warning	Yes
Steam power	Adjustable
Steam output regulation	25-100%
Maximum distillation time (mins)	20 mins
Tube error detection	Yes
Door close sensor	Yes
Control button	Rotary push button
Dimensions (W X D X H)	(380 X 350 X 725) mm
Current consumption (A)	5.5 A
Power consumption (W)	1000W
Voltage	230- 50/ 60 Hz
Ordering code	BLFAKDI01000000000
Price/ Unit	On request

HSN Code : 84790000



TECHNICAL DATA & ORDERING INFO

Model Name	CHL010
Tank capacity	10 L
Tank size (L x W x D) mm	(325x265x200) mm
Cooling capacity	1000 W
Pump flow rate	12.5 LPM
Display	LED
Temperature stability	± 1.0 °C
Temperature range	-10 °C to ambient -5 °C
Ordering Information	BLFRCHL01000000000
Prices/ Piece	On request

HSN Code : 84198990



COD DIGESTION UNIT

Open Reflux COD Digesters-Ideal solutions for waste water analysis

TECHNICAL DATA & ORDERING INFORMATION

Model Name	COD082	COD152
Treflux Type	Open	
Positions	08 Position	15 Position
Capacity	250 ml X 08 tubes	250 ml X 12 tubes
Heating Block	Aluminium	
Temperature Range	Ambient to 180°C	
Temperature Accuracy	±1°C	
Display	Front GRP cntrol panel with Graphic LCD	
Graphical representation of time and temp	Yes	
Two point factory calibration	Yes	
PID autotune	Yes	
User presets	Yes	
Process Timer	0-999 min	
Temperature Control	Yes with Set value and Present value	
Time Control	Yes with Set value and Present value	
Connectivity to Printer	Yes	
Connectivity to USB	Yes	
Power consumptions	1400W	1800 W
Current Consumption	6 A	8 A
Unit External Dimensions (WxDxH)	(414 x 414 x 283) mm	(414 x 427 x 283) mm
Ordering Code	BLFACOD08200000000	BLFACOD15200000000
Price/ unit	On request	

HSN Code : 84194090

OPTIONAL ACCESSORIES

Description	Product Code	Pack Size
COD air condensors	BLMACND100CODSAC00	5
COD digestion vessels	BLMATUB100CODSGT20	5



THERMOREACTOR

Compact and Convenient Closed reflux COD digestion unit

TECHNICAL DATA & ORDERING INFORMATION

Model Name	COD120
Reflux Type	Sealing
Positions	12 Position
Capacity	16 mm X 100 mm vials
Heating Block	Aluminium
Temperature Range	Ambient to 180°C
Temperature Accuracy	±1°C
Display	LED
Process Timer	0-999 min / Infinite
Temperature Control	Yes with Set value and Present value
Time Control	Yes with Set value and Present value
Transparent Lid	UV protection
Power consumptions	200 W
Current Consumption	1.5 A
Unit External Dimensions (WxDxH)	(275 X 185 X 150) mm
Ordering Code	BLFHCOD12000000000
Price/ unit	On request

HSN Code : 84198990

OPTIONAL ACCESSORIES

Description	Product Code	Pack size	List Price
Culture Tube round bottom 16D 100 len ACCS	BLAACTB0101600010*	12	On request

* Not supplied with the unit



FAT DETERMINATION APPARATUS : SOXHLET EXTRACTION

Delivering classical solutions with modernized approach for fat extraction

TECHNICAL DATA & ORDERING INFORMATION

Model Name	SOX012	SOX042	SOX062
Position	1	4	6
Flask Capacity (ml)	250	250	250
Extractor capacity	100	100	100
Temperature Accuracy	±1°C		
Temperature Uniformity	±15°C		
Plate Temperature	Upto to 320°C		
Safe temperature setting	Yes		
Liquid Temperature	95°C for normal water at 560 m above mean sea level		
Display Timer	1-999 min		
Dimension (W X D X H) mm	200 X 300 X 800	750 X 300 X 800	1050 X 300 X 800
Weight (Kgs)	7	12	15
Power (W)	400	1600	2400
Ordering code	BLFRSOX01200000000	BLFRSOX04200000000	BLFRSOX06200000000
Price/ Unit	On request	On request	On request

HSN Code : 84194090

Model Name	SOX015	SOX045	SOX065
Position	1	4	6
Flask Capacity (ml)	500	500	500
Extractor capacity	200	200	200
Temperature Accuracy	±1°C		
Temperature Uniformity	±15°C		
Plate Temperature	Upto to 320°C		
Safe temperature setting	Yes		
Liquid Temperature	95°C for normal water at 560 m above mean sea level		
Display Timer	1-999 min		
Dimension (W X D X H) mm	200 X 300 X 800	750 X 300 X 800	1050 X 300 X 800
Weight (Kgs)	7	12	15
Power (W)	1600	1600	2400
Ordering code	BLFRSOX01500000000	BLFRSOX04500000000	BLFRSOX06500000000
Price/ Unit	On request	On request	On request

HSN Code : 84194090



FAT DETERMINATION APPARATUS : SOXHLET EXTRACTION

Delivering classical solutions with modernized approach for fat extraction

OPTIONAL ACCESSORIES

Description	Product Code	List Price
SOX012 with Stand ASM	BLAASOX01210000000	12400.00
SOX015 with Stand ASM	BLAASOX01510000000	12800.00
SOX042 without Stand ASM	BLAASOX04200000000	19200.00
SOX042 with Stand ASM	BLAASOX04200000001	30400.00
SOX045 without Stand ASM	BLAASOX04500000000	84400.00
SOX045 with Stand ASM	BLAASOX04500000001	97200.00
SOX062 without Stand ASM	BLAASOX06200000000	112000.00
SOX062 with Stand ASM	BLAASOX06200000001	129200.00
SOX065 without Stand ASM	BLAASOX06500000000	112000.00
SOX065 with Stand ASM	BLAASOX06500000001	130800.00
SOXHLET 100 ML EXTRACTOR ACCS	BLA0SOXEXT10044327	4800.00
SOXHLET 200ML EXTRACTOR ACCS	BLA0SOXEXT20048394	5400.00
SOXHLET CONDENSER FOR 100ML EXT V2 ACCS	BLA0CON000SOX100V2	3600.00
SOXHLET CONDENSER FOR 200ML EXT V2 ACCS	BLG0CON000SOX200V2	4800.00

ON DEMAND DISTILLATION UNIT

Single Stage & Two Stage Distillation Units

TECHNICAL DATA & ORDERING INFORMATION

Model Name	SDU1500	SDU2500	SDU4000	DDU1500	DDU2500	DDU4000
Capacity Distilled Water Output	1.5 LPH	2.5LPH	4LPH	1.5 LPH	2.5LPH	4LPH
Minimum cooling water requirement (Ltr/min)	1	1.5	2	1	1.5	2
Heater	Quartz	Quartz	Quartz	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶
Power consumption (kw)	1.5kW	2.2kW	3.5kW	3kW	4.4kW	7kW
Voltage (V)	230V	230V	230V	230V	230V	230V
Dimensions (L x B x H) in mm	640x255x440	650x255x440	650x255x440	650x630x520	650x630x520	650x630x520
Ordering Information	SDU1500000	SDU2500000	SDU4000000	DDU1500000	DDU2500000	DDU4000000
List Price	41900.00	58400.00	65000.00	66200.00	107500.00	116900.00

HSN Code : 84198990

* Inlet water TDS < 100 ppm



LIST OF SPARES

Description	SAP Code	List Price
Ceramic Heater_ Quartz tube-1.5 L Accs	BLA0CRH12KW15LHQRT	11470.00
Ceramic Heater_ Quartz tube-2.5 L Accs	BLA0CRH02KW25LHQRT	12580.00
Ceramic Heater_ Quartz tube-4 L Accs	BLA0CRH03KW04LHQRT	17020.00
WDU 1.5 Ltr Boiler ACCS	BLAPSDU1500BOIL000	11470.00
WDU 2.5 Ltr Boiler ACCS	BLAPSDU2500BOIL000	14060.00
WDU 4.0 LTR Boiler ACCS	BLAPSDU4000BOIL000	17760.00
1.5 Ltr Condenser ACCS	BLAPSDU1500CON0000	8140.00
2.5 Ltr Condenser ACCS	BLAPSDU2500CON0000	12580.00
4.0 Ltr Condenser ACCS	BLAPSDU4000CON0000	15170.00
SDU PCB ASM ACCS	BLA0PCB00000SDU150	6250.00
DDU PCB ASM ACCS	BLA0PCB00000DDU0ASM	6550.00

MONO QUARTZ DISTILLATION UNITS

Manufactured from quartz, providing quick & continuous purified water with smaller foot print in laboratories

TECHNICAL DATA & ORDERING INFORMATION

Model Name	3363042	3363043	3363038	3364042	3364033
Capacity Distilled Water Output	2.5 LPH	5 LPH	10LPH	2.5LPH	5LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5	1	2
Heater	Quartz	Quartz	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz	Quartz	Quartz
Condenser	Boro 3.3	Boro 3.3	Boro 3.3	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶	<3 x 10 ⁻⁶
Power consumption (kw)	2.2 kW	4.4kW	8.8 kW	2.2 kW	4.4 kW
Voltage (V)	230V	230V	440V - 3Phase	230V	230V
Ordering Information	3363042	3363033	3363038	3364042	3364033
List Price	40600.00	75600.00	172700.00	68900.00	132100.00
Accessory - DAPS Code	3366342	3366333	3366338	3366442	3366433
DAPS List Price	13900.00	15500.00	28700.00	13900.00	15400.00

HSN Code : 84194090

* Inlet water TDS < 100 ppm

LIST OF SPARES

Description	SAP Code	List Price
Quartz Boiler 2.5LPH	363012	28300.00
Quartz Boiler 5LPH	363032	55800.00
Quartz Boiler 10LPH	363S02	97800.00
Borosilicate Condenser 2.5LPH	362022	5400.00
Borosilicate Condenser 5LPH	0363S00	18400.00
Borosilicate Condenser 10LPH	0363S03	37300.00
Quartz Condenser 2.5LPH	364023	28100.00
Quartz Condenser 5LPH	364S01	64700.00



WATER SOFTENER

Used in sodium form to remove hardness due to Ca & Mg ions & effective for water where hardness is 200-300 ppm max.

TECHNICAL DATA & ORDERING INFORMATION

Description	Product Code	List Price
Water Softener	BT603367000	23600.00

HSN Code : 84798999



ALL QUARTZ DOUBLE DISTILLATION UNIT

All quartz innovative & compact design offers consistent purified water in two distillation stages

TECHNICAL DATA & ORDERING INFORMATION

Model name	3365041	3365042	3365033
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	5 LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5
Heater	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz
Condenser	Quartz	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶	<1 x 10 ⁻⁶
Power consumption (kw)	3 kW	4.4kW	8.8 kW
Voltage (V)	230V	230V	440V - 3Phase
Ordering Information	3365041	3365042	3365033
List Price	102700.00	206600.00	377000.00
Accessory - DAPS	3366541	3366542	3366533
DAPS List Price	14700.00	15400.00	29100.00

HSN Code : 84194090

* Inlet water TDS < 100 ppm

LIST OF SPARES

Description	SAP Code	List Price
Quartz Boiler 1.5LPH	362013	29200.00
Quartz Boiler 2.5LPH	362014	36500.00
Quartz Boiler 5LPH	0362S04	57400.00
Quartz Secondary Boiler - Condenser 1.5LPH	362015	91400.00
Quartz Secondary Boiler - Condenser 2.5LPH	362016	127200.00
Quartz Secondary Boiler - Condenser 5LPH	0363S05	245800.00
Receiving Adapter with Spring	362063	2000.00
Silicon "O" Ring	362052	600.00



SILICONE TUBING FOR DISTILLATION UNIT & LABORATORY APPLICATION

Silicone tubing is used for laboratory and industrial applications only. It should not be used for implants, human reproductive system and other medical applications.



TECHNICAL DATA & ORDERING INFORMATION

Product Code	Size mm	Quantity per case	HSN Code	List Price
3369001	4 mm ID x 7 mm OD	1	40091100	1700.00
3369002	6 mm ID x 9 mm OD	1	40091100	2200.00
3369003	8 mm ID x 12 mm OD	1	40091100	4600.00
3369004	10 mm ID x 14 mm OD	1	40091100	5700.00

HSN Code : 40091100

ELEMENTAL WATER BATHS

The Elemental series of general purpose Water Baths is available in variety of sizes to meet all your needs and is ideal for lab applications.

TECHNICAL DATA & ORDERING INFORMATION

Model Name	WLC005	WLC012	WLC020	WLS005	WLS012	WLS020
Nominal Capacity	5L	12L	20L	5L	12L	20L
Working Temperature Range	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C
Temperature Accuracy at 37°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Circulation	By Convection Only			Quick Convection by Overhead Stirrer Circulation		
Interior Dimension (L x B x H) in mm	300 x 152 x 150	330 x 300 x 150	500 x 300 x 150	300 x 152 x 150	330 x 300 x 150	500 x 300 x 150
Exterior Dimension (L x B x H) in mm	325 x 180 x 300	375 x 325 x 300	550 x 350 x 300	345 x 180 x 415	395 x 340 x 415	590 x 350 x 415
Power Consumption	2A, 230V, 400W	4A, 230V, 900W	9A, 230V, 1600W	2A, 230V, 400W	4A, 230V, 900W	9A, 230V, 1600W
Ordering Code	WLC0050000	WLC0120000	WLC0200000	WLS0050000	WLS0120000	WLS0200000
List Price	35000.00	42000.00	49000.00	36000.00	48000.00	54000.00

HSN Code : 84198990



OPTIONAL ACCESSORIES

Description	SAP Code	Suitable for	List Price
5 L			
3 Hole SS LID Assembly	BLAHWLC005LID00003	WLC005	2500.00
2 Hole SS LID Assembly	BLAHWLS005LID00002	WLS005	2800.00
5L Polycarbonate LID Assembly	BLAHWLC005PCLID000	WLC005	3900.00
12 L			
6 Hole SS LID Assembly	BLAHWLC012LID00006	WLC012	3500.00
6 Hole SS LID Assembly	BLAHWLS012LID00006	WLS012	3800.00
12/15 Polycarbonate LID Assembly	BLAHWLC012PCLID000	WLC012	4600.00
20 L			
8 Hole SS LID Assembly	BLAHWLC020LID00008	WLC020	4800.00
8 Hole SS LID Assembly	BLAHWLS020LID00008	WLS020	5500.00
12 Hole SS Lid Assembly	BLAHWBA02000000012	WLC020	8250.00
20 Ltr Polycarbonate Lid ASM	BLAHWBA020CAPPC000	WLC020	6400.00
Ball Shield Anti-evaporation Spheres (Ø37mmX500 nos)	BLAHWLS020BALLID00	All Baths	7500.00

PREMIUM WATER BATHS

Borosil Labquest Premium range of circulating water baths are an ideal choice when temperature uniformity and control are particularly critical along with Data Logging Connectivity.

TECHNICAL DATA & ORDERING INFORMATION

Model Name	WBP012	WBP015 (Serological)	WBP020	WBP024	HIGH CAPACITY BATHS	
					WBP035	WBP060
Nominal Capacity	12L	15L	20L	24L	35L	60L
Working Temperature Range	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C	Ambient + 5 to 99°C
Temperature Accuracy at 37°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C	±0.2°C
Circulation	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar
Interior SS304 Dimension (L x B x H)	330x300x150 mm	330x300x200 mm	500x300x150 mm	300x300x200 mm	650x350x150 mm	650x350x200 mm
Exterior SS304 Dimension (L x B x H)	375x325x450 mm	355x325x510 mm	550x350x450 mm	550x335x510 mm	675x375x450 mm	675x375x475 mm
Electrical Requirements	6A	6A	9A	12A	15A	20A
Power Consumption	900W	900W	2000W	2200W	3000W	5000W
External Temperature Probe	PT1000	PT1000	PT1000	PT1000	PT1000	PT1000
USB Interface - Data Logging	USB	USB	USB	USB	USB	USB
Lid type	SS Lid with 6 position Concentric Rings	PC Lid	SS Lid with 8 position Concentric Rings	SS Lid with 8 position Concentric Rings	SS Canopy	SS Canopy
HSN Code	84198990	84198990	84198990	84198990	84198990	84198990
Ordering Information	WBP01200000	WBP0150000	WBP0200000	WBP0240000	WBP03500000	WBP0600000
List Price	On Request	On Request	On Request	On Request	On Request	On Request

HSN Code : 84198990



ULTRASONIC CLEANER BATHS

Ultrasonic Cleaner Bath offers gentle effective cleaning action ensuring that no contaminants get carryover from the previous process.

NEW



TECHNICAL DATA & ORDERING INFORMATION

Model Name	UCB025	UCB050	UCB100	UCB200
Capacity	2.5L	5L	10L	20L
Working Temperature Range	Ambient +5 °C to 80 °C			
Frequency	40kHz			
Time Setting	1- 99 mins	1- 99 mins	1- 99 mins	1- 99 mins
Interior Dimension (L, B, H) in mm	150 x 140 x 100	300 x 155 x 100	300 x 240 x 150	500 x 300 x 150
Interior Dimension (L, B, H) in mm	190 x 170 x 220	312 x 162 x 240	330 x 270 x 310	550 x 330 x 330
Ultrasonic Power	50 W	120W	240W	500 W
Heater Power	100W	100W	300 W	500 W
Ordering Code	UCB02500000	UCB05000000	UCB10000000	UCB20000000
List Price	27500.00	42500.00	On request	On request

HSN Code : 84798999

WATER BATHS & OIL BATHS

Precision Oil bath build in 100% SS offers controlled heating upto 240 °C



TECHNICAL DATA & ORDERING INFORMATION

Parameters	OMC 250	OMC 010	OMS 250	OMS 010	OMS 020
Working Temperature Range	Ambient +5 °C to 240 °C				
Circulation	PTFE Stir Bar				
Nominal Capacity	750ml	3057ml	750ml	3057ml	7500ml
RB Flask	250ml	1000ml	250ml	1000ml	2000ml
Interior Dimension (Diameter X Height in mm)	120 x 86	182 x 142	120 x 86	182 x 142	217 x 209
Exterior Dimensions (L x B x H) in mm	203 x 169 x 209	273 x 240 x 263	203 x 169 x 209	273 x 240 x 263	302 x 280 x 410
Power Consumption	300W	800W	300W	800W	1500 W
Ordering Code	OMC2500000	OMC0100000	OMS2500000	OMS0100000	OMS0200000
List Price	28300.00	32900.00	31800.00	36400.00	On request

HSN Code : 84198990

MAGNETIC STIRRERS

Compact magnetic stirrer with digital display offering accurate speed, timer setting

TECHNICAL DATA & ORDERING INFORMATION

NEW

Model Name	MGS001	MS One	MS Four	MLS010	MLS050
Stirring Position	1	1	4	1	1
Max Capacity	upto 5L	800ml	4X400ml	10L	50L
Max Speed	2200 RPM	1500 RPM	1200 RPM	upto 1000 RPM	upto 1000 RPM
Timer	0-999 min	1-99min	1-99min	Continuous	Continuous
Pulse Mode	NA	Yes	Yes	NA	NA
Display	LED	Digital	Digital	LED	LED
Plate Material	SS304	SS304	SS304	SS	SS
Type of Motor	AC	Motorless	Motorless	BLDC	BLDC
Slip Detection	NA	NA	NA	Yes	Yes
Power Consumption	1Å, 230V, 25W	1.5Å, 12V, 5W	2Å, 9V, 13W	1.5Å, 12V, 30W	2Å, 12V, 60W
Magnetic Bar	25mm	25mm	25mm	25, 35, 50, 60	25, 35, 50, 60
Top Plate Dimensions (L x B) in mm	189 x 208	150 x 100	385 x 182	250 x 250	370 x 370
Product Dimensions (L x B x H) in mm	284 x 188 x 120	156 x 110 x 14	457 x 126 x 14	310 x 250 x 100	430 x 370 x 100
Protection Class	IP21	IP65	IP65	IP42	IP42
Ordering Code	MGS0010000	100MS000115000	100MS000412000	MLS0100000	MLS0500000
List Price	9000.00	14300.00	28600.00	33900.00	On Request

HSN Code : 90278090



MGS001



MS ONE



MS FOUR



NEW

MLS

INDUSTRIAL STIRRERS - MAX STIR

Outstanding stirring for high-volume applications in process equipments with USB Data Logging option

TECHNICAL DATA & ORDERING INFORMATION

Model Name	MGS020	MGS050	MGS200
Number of stirring positions	1		
Stirring quantity	Upto 20 L	Upto 50 L	Upto 200 L
Motor Type	BLDC 15 MOTOR	BLDC 30 MOTOR	
Stirring bar length	35 - 80 (in mm)	80 - 120 (in mm)	155 (in mm)
Material Housing	304 Stainless steel		
Display	Digital LCD Display		
Speed range	0 - 1000 rpm		0 - 600 rpm
Timer	(0 - 99:99 hrs:min) or continuous/infinite operation		
Set-up plate dimensions in mm	300 x 300	400 x 400	500 x 500
Dimensions (L x B x H) in mm	300 x 390 x 110	400 x 490 x 110	500 x 590 x 110
Weight of the Product	12 Kgs	14 Kgs	25 Kgs
Weight / Load (it can Sustain)	30 Kgs	70 Kgs	70Kgs
Process Equipments Indirect Load It can stir	Volumes up to 20L	Volumes up to 50L	Volumes up to 200L
Ramp rate	Adjustable for different viscosity		
USB Interface (Upgradable)	YES - Option to connect Labquest Data Logger & Printer		
Permissible temperature	Ambient to 40 °C		
Max Current	0.3 A	0.5 A	
Motor rating output	30W	60W	
HSN Code	90278090		
Ordering Code	BLFHMG02000000000	BLFHMG05000000000	BLFHMG20000000000
List Price	On request		

HSN Code : 90278090



MAGNETIC HOT PLATE STIRRERS

Compact magnetic stirrer with digital display offering accurate speed, timer, temperature setting

NEW

TECHNICAL DATA & ORDERING INFORMATION

Model Name	HLS 200	MHPS 550P Premier
Stirring Position	1	1
Max Capacity	2L	20L
Max Speed for H ₂ O	1500 rpm	up to 2200 rpm
Timer	0- 999 min OR Continuous	0- 999 min OR Continuous
Plate Temperature	Ambient +5 °C - 300 °C	Ambient +5 °C - 550 °C
Liquid Temperature	External PT100 Probe up to 170 °C	External PT1000 Probe up to 280 °C
Safe Temperature Setting	Yes	Yes
Hot Indicator when Plate is above 50 °C	Yes	Yes
Pulse Mode	NA	Yes
Display	LED Digital	Dual Set & Actual Temp, RPM & Time
Plate Material	SS	Ceramic
Power Consumption	2Å, 230V, 325W	5Å, 230V, 1000W
Magnetic Bar	25 mm	25 mm
Top Plate Dimensions (L x B) in mm	150 x 155	180 x 180
Product Dimensions (L x B x H) in mm	260 x 190 x 155	313 x 212 x 110
Safety Warning for Plate Temp above 50 °C	Yes	Yes
Protection Class	IP21	IP21
Supplied with	PT100 Probe only	PT1000 Probe & Stand
Ordering Code	BLFHLS20000000000	100MHPS010550P
List Price	14000.00	On request

HSN Code : 84798200

OPTIONAL ACCESSORIES

Description	SAP Code	Suitable for	List Price
PT100 DIN Connector	BLA0DIN00MX0005PIN	HLS200	2500.00
PT1000 Probe	100MHPS01PT100	550 Prime	7500.00
Probe Stand	100MHPS01PS000	550 Prime	1900.00



HLS 200

MHPS 550P Premier

MULTIPOSTION MAGNETIC HOT PLATE STIRRERS

Compact multiposition magnetic stirrer with digital display offering accurate speed, timer, temperature setting



TECHNICAL DATA & ORDERING INFORMATION

Model Name	MHPS 5P	MHPS 10P	MHPS 15P
Stirring Position	5	10	15
Max. Temp range (from ambient)	120°C	120°C	120°C
Max Capacity	5 x 250ml	10 x 250 ml	15 x 250 ml
Max Speed	1500 rpm	1500 rpm	1500 rpm
Timer	1-999 min	1-999 min	1-999 min
Motor Type	BLDC	BLDC	BLDC
Pulse Mode	Yes	Yes	Yes
Display	Digital	Digital	Digital
Plate Material	Stainless steel plate with silicone sheet		
Power Consumption	450W	450W	800W
Magnetic Bar	25 mm	25 mm	25 mm
Top Plate Dimensions (L x B) in mm	565 x 136	565 x 196	565 x 282
Product Dimensions (L x B x H) in mm	565 x 136 x 75	565 x 196 x 75	565 x 282 x 75
Protection Class	IP42	IP42	IP42
Ordering Code	100MHPS0515000	100MHPS1015000	100MHPS1515000
List Price	On request		

HSN Code : 84798200

HOT PLATES

Precise digital temperature control and timer function



TECHNICAL DATA & ORDERING INFORMATION

Model Name	HPL020	HPL030	HPL400
Max Capacity - Beaker	500ml Beaker X 12 pc	500ml Beaker X 18 pc	2L Beaker
Max Plate Temperature	up to to 300°C		
Timer	Digital Timer		
Display	LED Display		
Plate Material	Aluminium	Aluminum	SS 304 Top Plate
Power Consumption	2000W	3000W	400W
Top Plate Dimensions (L x B) in mm	300 x 450	450 x 600	155 x 150
Product Dimensions in mm (L x B x H) in mm	300 x 450 x 200	450 x 600 x 200	260 x 190 x 155
Ordering Code	BLFHHPL02000000000	BLFHHPL03000000000	BLFHHPL40000000000
List Price	On Request		12000.00

HSN Code : 84798200

LAB STIRRER ACCESSORIES

Aluminium Blocks & Stir Bars are basic accessories that promote safe & better heat transfer while using RB Flask or Reaction Tubes on a Hot Plate

TECHNICAL DATA & ORDERING INFORMATION

Description	Product code	Pack Size	List Price
Accessory Stir Bar D: 8mm X 25mm	100MSA0BL08025	10	3900.00
Accessory Stir Bar D: 8mm X 35mm	100MSA0BL08035	10	4100.00
Accessory Stir Bar D: 12mm X 50mm	100MSA0BL12050	10	12200.00
Accessory Stir Bar D: 13mm X 60mm	100MSA0BL13060	1	1800.00
Aluminium Blocks Organiser Carry Plate	BLAHHPS0000ABCB000	1	4750.00
Alumium Quarter Block 4 X 20 ml	BLAHHPS0420AQB0000	1	3800.00
Alumium Quarter Block 4 X 30 ml	BLAHHPS0430AQB0000	1	3800.00
Alumium Quarter Block 7 X 16 ml	BLAHHPS0716AQB0000	1	4200.00
Alumium Quarter Block 10 x 8 ml	BLAHHPS1008AQB0000	1	4600.00
Alumium Quarter Block 12 x 4 ml	BLAHHPS1204AQB0000	1	4600.00
Aluminium Reaction Block RB 50 ml	BLAHHPSRB50ARB0000	1	7000.00
Aluminium Reaction Block RB 100 ml	BLAHHPSRB100ARB000	1	7000.00
Aluminium Reaction Block RB 250 ml	BLAHHPSRB250ARB000	1	7000.00
Aluminium Reaction Block RB 500 ml	BLAHHPSRB500ARB000	1	7000.00
PT1000 Probe	100MHPS01PT100	1	7500.00
Probe Stand	100MHPS01PS000	1	1900.00



TEMPERATURE CONTROLLED HEATING MANTLES

The intelligently designed safe heating mantles provide safe cut off with precise heating along with time & temperature display like never before



TECHNICAL DATA & ORDERING INFORMATION

Model Name	GMC250	GMC 500	GMC 010	HMC020	HMC050	HMC011
Flask Capacity	250 ml	500 ml	1000 ml	2 L	5 L	10 L
Working Temperature Range	Ambient +5 °C to 350 °C					
Temperature Accuracy	1°C					
Timer	upto 999 mins or continuous					
Power Requirements	1Å, 150W	1Å, 200W	1.5Å, 300W	2.5Å, 450W	3Å, 600W	6Å, 1200W
Display	LED Display with Temperature, Time and Process Status					
Top Plate Material	MS	MS	MS	SS	SS	SS
Body Construction	MS	MS	MS	MS	MS	MS
Product Dimensions (L x B x H) in mm	310x330x160	310x330x160	310x330x160	263x355x136	320x320x260	450x603x215
Stage wise Heating Modes	Yes	Yes	Yes	Yes	Yes	Yes
External Temperature Probe	PT 100					
Ordering Code	GMC2500000	GMC5000000	GMC0100000	HMC0200000	HMC0500000	HMC0110000
List Price	7500.00	8000.00	8500.00	29900.00	41700.00	On Request

HSN Code : 84198990

TEMPERATURE CONTROLLED HEATING & STIRRING MANTLES

The intelligently designed safe heating mantles provide safety cutoff with precise heating & stirring features



TECHNICAL DATA & ORDERING INFORMATION

Model Name	PRM250	PRM500	PRM010	PRM020
Flask Capacity	250 ml	500 ml	1000 ml	2 L
Working Temperature Range	Ambient +5 °C to 350 °C			
Temperature Accuracy	1 °C			
Timer	upto 999 mins or continuous			
Stirring Speed	300 - 2200 rpm			
Power Requirements	1Å, 150W	1Å, 200W	1Å, 200W	2.5Å, 450W
Display	LED Display with Temperature, Time and Process Status			
Top Plate Material	SS	SS	SS	SS
Body Construction	SS	SS	SS	SS
Product Dimension (L x B x H) in mm	310 x 330 x 160	310 x 330 x 160	310 x 330 x 160	263 x 355 x 136
Stage wise Heating Modes	Yes	Yes	Yes	Yes
External Temperature Probe	PT 100			
Ordering Code	PRM2500000	PRM5000000	PRM0100000	PRM0200000
List Price	24800.00	25900.00	28400.00	29000.00

HSN Code : 84198990

MULTIPOSITION MANTLES

Ideal for busy laboratories with multiple users or experiments needing different set temperatures at the same time



TECHNICAL DATA & ORDERING INFORMATION

Product Code	BLFHMPM0620000000	BLFHMPM0650000000
Heating Position	6	6
Max Flask Capacity	250 ml	500 ml
Temperature Range	Ambient +5°C to 350°C	Ambient +5°C to 350°C
Temperature Control	PID with digital energy regulator	PID with digital energy regulator
Temperature feedback	Yes	Yes
Temperature Accuracy	1 °C	1 °C
Display Timer	0-999 min and Infinite	0-999 min and Infinite
Material of construction	M.S Powder coated body with SS304 Top Plate	M.S Powder coated body with SS304 Top Plate
Unit Dimensions (L x B x H) in mm	1000 x 330 x 135	1000 x 330 x 135
List Price	On Request	On Request

HSN Code : 84198990

HEATING MANTLES WITH DIGITAL ENERGY REGULATOR

General purpose heating mantles with digital energy regulator



TECHNICAL DATA & ORDERING INFORMATION

Model Name	GME250	GME500	GME010
Flask Capacity	250 ml	500 ml	1 L
Flask Diameter	85 mm	105 mm	135 mm
Exterior dimensions (L x B x H) in mm	310 x 330 x 160		
Working Temperature range	Ambient +5°C to 350°C		
Display	LED Display with time, temperature & process status		
Electrical Requirements	1 Å	1 Å	1 Å
Power Consumption	150 W	200 W	300 W
Ordering information	GME2500000	GME5000000	GME0100000
List Price	3700.00	3800.00	4000.00

HSN Code : 84198990

GLASSCARE EQUIPMENT - GLASS DRYER

Labquest dryer offers basic solutions of quick drying laboratory glasswares at 60 °C

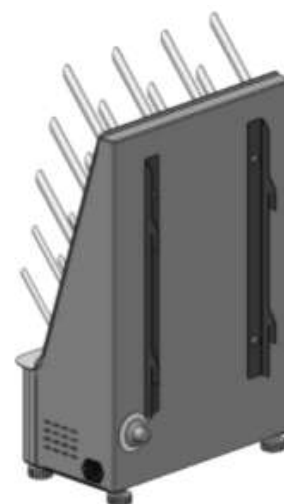
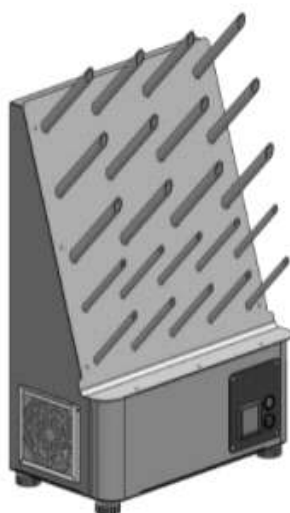
TECHNICAL DATA & ORDERING INFORMATION

Model Name	GDS010
Number of Pegs	22
Peg Sizes	
16 mm	12 Nos
10 mm	10 Nos
Temperature Range	Ambient to 70°C
Time Control	Yes
Drying Power	1075 W
Dimension (L x B x H) in mm	400 x 367 x 620
Ordering information	BLFGGDS01000000000
List Price	21000.00

HSN Code : 84798200

OPTIONAL ACCESSORIES

Description	Product Code	HSN Code	Nos Pcs	List Price
Pegs For Volumetric Adapter -10ID	BLPGGDS01000000010	39260000	10	4050.00
Pegs For Volumetric Adapter-16ID	BLPGGDS01000000016	39260000	12	4280.00



MICRO CENTRIFUGE

Smart, Sturdy & Silent intelligently designed micro centrifuge built to make your life easier in lab

TECHNICAL DATA & ORDERING INFORMATION

Model Name	MCF08VT	MCF12VT	HMCF12VT
Rotor position	8 x 1.5/2.0 ml Microtubes	12 x 1.5ml / 2.0ml Microtubes	12 x 1.5ml / 2.0ml Microtubes
Tube capacity in ml	1.5 / 2.0 / 0.2 / 0.5	1.5 / 2.0 / 0.2 / 0.5 / 0.4	1.5 / 2.0
Max speed (rpm)	6000 rpm	15000 rpm	
RCF (g)	2000g	15596g	
Display	Digital	Large digital display	Digital display
Motor Type	--	Brushless DC motor	
Noise level	< 55 db	< 60 db	
Imbalance detection	Yes		
Timer	1-25 Minutes & infinite mode	Countdown timer : 1-99 Mins & infinity mode	1-99 Mins & infinite mode
Dimension (W X D X H) mm	162 x 157 x 116	187 x 265 x 115	260 x 244 x 205
Weight	1.1 Kg (with rotor)	2.2 Kgs (with rotor)	4 Kgs (with rotor)
Rotors and Adaptors (included in standard pack)	8 x 1.5/2.0 ml Closed Rotor PCR Strip Rotor (2 x 8 x 0.2 ml) Reduction adaptors for 0.2/0.5 ml Microtubes	12 x 1.5/2 ml Angel Rotor Reduction adaptors for 0.2 ml microtubes, Reduction adaptors for 0.4/0.5 ml microtubes	12 x 1.5/2 ml Angel Rotor
Product Code	100MCF00800VT0	100MCF01200VT0	100HMCF1200VT0
List Price	13200.00	On request	On request

HSN Code : 84211999



MCF08VT



MCF12VT



HMCF12VT

OPTIONAL ACCESSORIES

Description	Rotor for Centrifuge Model	Product Code	List Price
12 x 1.5/2 ml Angal Rotor	MCF12VT, HMCF12VT	10000MC1202MLF	9280.00
PCR Strip Rotor (2 x 8 x 0.2 ml)	MCF12VT, HMCF12VT	10000MC0208MLS	15180.00

COOLING HIGH SPEED MICRO CENTRIFUGE

Unmatched performance, safety with preset features for quick cooling

TECHNICAL DATA & ORDERING INFORMATION

Model Name	CLMC24VT
Cooling temperature	Up to -20°C
Max speed (rpm)	500 - 15000 rpm
Programmable Feature	User can set and save up to 99 user defined programs of 4 lines each
Display	Large back lit LCD display
Motor Type	Brushless DC motor
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer Setting	30 secs to 999 mins & infinite mode
Dimension (W X D X H) in mm	314 X 452 X 278
Weight	43 kgs (with rotor)
Product Code	100CLMC2400VT0
List Price	On request (without rotor)

HSN Code : 84211999



24 x 1.5/2 ml
(21420 x g)



44 x 1.5/2 ml
(22388 x g)



8 x 5 ml
(18461 x g)



PCR Strip Rotor (4 Strips)
(15397 x g)



OPTIONAL ACCESSORIES

Description	Rotor for Centrifuge Model	Product Code	List Price
Microtubes Rotor (24 x 1.5 / 2 ml) (21420 x g)	CLMC24VT	100CLMC2402MLF	25880.00
Microtubes Rotor (44 x 1.5 / 2 ml) (22388 x g)	CLMC24VT	100CLMC4402MLF	32480.00
Angal Rotor 8 x 5 ml (18461 x g)	CLMC24VT	100CLMC0805MLF	32150.00
PCR Strip Rotor (4 x 8 x 0.2 ml) (15397 x g)	CLMC24VT	100CLMC4802MLS	36010.00

CLINICAL CENTRIFUGE

Centrifuge for clinical application are designed to accomodate rotor and blood centrifuge tubes

TECHNICAL DATA & ORDERING INFORMATION

Model Name	DCF06VT	CCF4000VT	CCD4504VT
Rotor position	6 x 15 ml (Fixed angle)	6 x 10 ml (Swing out rotor), 8 x 15 ml (Fixed angle), 16X10 ml (Fixed angle)	Combi Rotor 4 x 50 ml + 4 x 15 ml or 8 X 15 ml
Tube capacity in ml	2 / 5 / 7 / 15 ml	10 / 15 ml	2 / 5 / 7 / 15 / 50 ml
Max speed (rpm)	6500 rpm	4000 rpm	4500 rpm
RCF (g)	3684 g - 6 X 15 ml	2270g -6 x 10 ml, 1950g -8X15 ml, 2180g-16X10 ml	1985 x g
Motor Type	Brushless DC motor	Brushless DC motor	Brushless DC motor
Noise level (db)	< 60 db	< 60 db	< 60 db
Lid Lock Safety	Yes	Yes	Yes
Imbalance detection	Yes	Yes	Yes
Timer setting	1-30 Minutes & infinite mode	1-999 Mins & infinity mode	1-99 Mins & infinite mode
Dimension (W X D X H) mm	244 x 260 x 205	355 x 415 x 173	265 x 330 x 161
Weight	4 Kgs (with rotor)	7.7 Kgs (without rotor)	4 Kgs
Rotors and Adaptors (included in standard pack)	8 x 1.5/2.0 ml Closed 6 x 15ml rotor (Fixed angle), Adaptors for 2ml, 5ml, 7ml blood collection tubes	12 x 1.5/2 ml Angel Rotor 6 x 10 ml (Swing out rotor)	12 x 1.5/2 ml Combi Rotor, Adaptors for 2ml, 5ml, 7ml blood collection tubes
Product Code	100DCF00600VT0	100CCF00800VT0	100CCD04504VT0
List Price	On Request (with rotor)	On Request (with rotor)	On Request (with rotor)

HSN Code : 84211999



DCF06VT



CCF4000VT



CCD4504VT

* Also available in 8x15 ml fixed angle rotor (3873g) Part No 100DCF00800VT0

OPTIONAL ACCESSORIES

Description	Rotor for Centrifuge Model	Product Code	List Price
Swing out rotor, 6 X 10 ml (2270 g)	CCF4000VT	100CCFA0610MLS	27670.00
Fixed angle rotor, 15 ml x 8 (1950 g)	CCF4000VT	100CCFA0815MLF	15680.00
Fixed angle rotor, 10 ml x 16 (2180 g)	CCF4000VT	100CCFA1610MLF	44800.00

UNIVERSAL LAB CENTRIFUGE

Designed to provide ideal results with combination rotor with unapellerd safety features

TECHNICAL DATA & ORDERING INFORMATION

Model Name	ULC4504VT	ULC4204VT
Rotor position (max)	4 x 100 ml	4 x 250 ml
Max speed (rpm)	4500 rpm	4200 rpm
RCF (g)	g varies as per rotor	
Motor Type	Brushless DC motor	
Display	Digital	
Lid Lock Safety	Yes	
Imbalance detection	Yes	
Timer Setting	30 sec-99 mins & infinite mode	
Speed Setting	500 to 4500 rpm	
Dimension (W X D X H) mm	585 x 475 x 325	585 x 475 x 325
Weight	23 Kgs (without rotor)	
Rotors (not included)	Multiple rotor options (swing and fixed angle)	
Product Code	100ULC04504VT0	100ULC04204VT0
List Price	On request (without rotor)	On request (without rotor)

HSN Code : 84211999

NEW



OPTIONAL ACCESSORIES

Description	Rotor for Centrifuge Model ULC4504VT		Rotor for Centrifuge Model ULC4204VT	
	Product Code	Weight (g)	Product Code	Weight (g)
Swing Out Rotor 32 x 6ml	100UC1A3206MLS	3164 g	100UC2A3206MLS	2766 g
Swing Out Rotor 16 x 15ml	100UC1A1615MLS	3485 g	100UC2A1615MLS	2884 g
Swing Out Rotor 12 x 15ml	100UC1A1215MLS	3485 g	NA	NA
Swing Out Rotor 8 x 15ml	100UC1A0815MLS	3340 g	NA	NA
Swing Out Rotor 4 x 50ml	100UC1A0450MLS	3485 g	100UC2A0450MLS	2884 g
Swing Out Rotor 4 x 100 ml	NA	NA	100UC2A0401MLS	2766 g
Swing Out Rotor 4 x 100ml (with lid)	100UC1A0401LMS	3164 g	100UC2A0401LMS	2884 g
Swing Out Rotor 4 x 250 ml	NA	NA	100UC2A0402MLS	3181 g
Swing Out Rotor 64 x 6 ml	NA	NA	100UC2A6406MLS	3181 g
Swing Out Rotor 2 Micro plates	100UC1A0002MPS	2355 g	100UC2A0002MPS	2074 g
Fixed Angle Rotor 16 x 15ml	100UC1A1615MLF	3144 g	100UC2A1615MLF	2410 g
Fixed Angle Rotor 12 x 15ml	100UC1A1215MLF	3144 g	NA	NA
Fixed Angle Rotor 6 x 50ml	100UC1A0650MLF	2644 g	100UC2A0650MLF	2410 g
Fixed Angle Rotor 4 x 50ml	100UC1A0450MLF	2644 g	100UC2A0450MLF	2331 g
Fixed Angle Rotor 4 x 100ml	100UC1A0401MLF	2599 g	100UC2A0401MLF	2272 g
Fixed Angle Rotor 24 x 15ml	100UC1A2415MLF	2854 g	100UC2A2415MLF	2489 g

COOLING UNIVERSAL LAB CENTRIFUGE

Multi-rotor configuration with high speed operation and variable temperature range for wide range of lab protocol

TECHNICAL DATA & ORDERING INFORMATION

Model Name	CULC1504VT
Rotor position	4 x 100 ml (fixed & swing out) / 32 x 6 ml (swing out)
Cooling temperature	Up to - 10°C
Max speed (rpm)	15000 rpm
RCF (g)	22388 g (g varies as per rotor)
Display	Large back lit LCD display
Motor type	Brushless DC motor
Speed setting	500 to 15000 rpm
Lid lock safety	Yes
Imbalance detection	Yes
Timer setting	30 secs. to 999 mins 59 secs. & infinite mode
Dimension (W x D x H) in mm	585 x 705 x 330
Weight	57 kgs (without rotor)
Product code	100CULC1504VT0
List Price	On request (without rotor)

HSN Code : 84211999



OPTIONAL ACCESSORIES

Description	Rotor for Centrifuge Model CULC1504VT	
Swing Out Rotor 16 x 15 ml	100UC3A1615MLS	3305 g
Swing Out Rotor 4 x 50 ml	100UC3A0450MLS	3305 g
Swing Out Rotor 4 x 100 ml	100UC3A0401MLS	3305 g
Swing Out Rotor 2 Micro plates	100UC3A0002MPS	2377 g
Swing Out Rotor 32 x 06 ml	100UC3A3206MLS	3164 g
Swing Out Rotor 4 x 100ml (with lid)	100UC3A0401LMS	3164 g
Fixed Angle Rotor 16 x 15 ml	100UC3A1615MLF	4910 g
Fixed Angle Rotor 6 x 50 ml	100UC3A0650MLF	4910 g
Fixed Angle Rotor 4 x 50 ml	100UC3A0450MLF	4750 g
Fixed Angle Rotor 24 x 15 ml	100UC3A2415MLF	5070 g
Fixed Angle Rotor 4 x 100 ml	100UC3A0401MLF	4628 g
Fixed Angle Rotor 24 x 2 ml	100UC3A2402MLF	21420 g
Fixed Angle Rotor 44 x 2 ml	100UC3A4402MLF	22388 g
Fixed Angle Rotor 4 x 8 x 0.2 ml PCR	100UC3A4802MLF	15397 g
Fixed Angle Rotor 8 x 5 ml	100UC3A0805MLF	18461 g

DRY BATHS

LabQuest versatile Dry Bath, offers a wide range of blocks to accommodate various tubes and plates

TECHNICAL DATA & ORDERING INFORMATION

Model Name	LBH010
Temperature Range	Ambient +5°C to 130°C
Temperature Accuracy	±0.5°C at 37°C
Display Resolution	±0.1°C
Heating Up Time	≤18 min 30°C TO 130°C
Process Timer	0-999 min
Temperature Control	PID and Digital Energy Regulator
Unit External Dimensions (W x D x H) in mm	285 x 190 x 156
Cover For DryBlock	UV protection
Power consumptions	200W
Current Consumption	1A
Ordering Information	BLFHLBH01000000000
List Price	13200.00

HSN Code : 841989900



* Representative image Dry Bath LBH010 supplied without aluminum block

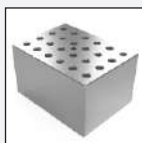
8 well PCR strip

of 0.2 ml, 32 wells,
φ6.35mm, depth 19mm
BLAALBHPCR3208W004



For 0.5 ml tube,

24 wells, φ8.0mm,
depth 25mm
BLAALBH0MW2406W004



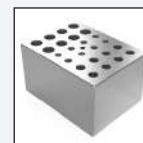
FOR 2.0 ml or 1.5ml tube

16 wells of, φ11.0mm,
depth 30mm
BLAALBH0MW1604W004



Versatile multi well block

for 8 wells of 0.2ml tube, 8
wells of 0.5ml tube, and 8
wells of 2.0ml or 1.5ml tube
BLAALBH0MW000BB004



15 ml tube*

12 wells φ17.3mm,
depth 50mm
BLAALBH0MW1204W004



For 50 ml tube

4 wells, φ29.2mm,
depth 50mm
BLAALBH0MW0402W004



Bead bath or
water bath block Vol
of 300ml*
BLAALBH0MW000BB004



Flat 96 well plate block
BLAALBH0MW0096W004



OPTIONAL ACCESSORIES

Description	Product Code	List Price
LBH010 ALU Block-8X4 Well PCR Strip Tube	BLAALBHPCR3208W004	8000.00
LBH010 ALU Block- 6X4 Well, 0.5ml Tube	BLAALBH0MW2406W004	8000.00
LBH010 ALU Block-4X4 Well, 1.5/2.0ml Tube	BLAALBH0MW1604W004	8000.00
LBH010 ALU Block Multi Well - 8 Wells	BLAALBHVMW0008W004	8000.00
LBH010 ALU Block-4X3 Well, 15ml Tube	BLAALBH0MW1204W004	8000.00
LBH010 ALU Block-2X2 Well, 50ml Tube	BLAALBH0MW0402W004	8000.00
LBH010 ALU Bead Bath/Water bath block (w/o beads)	BLAALBH0MW000BB004	14000.00
LBH010 ALU Flat 96 Well plate block	BLAALBH0MW0096W004	16000.00

INCUBATOR

Cooling Incubator with versatile performance

TECHNICAL DATA & ORDERING INFORMATION

Model Name	INCH0025
Temperature Range	Ambient less 15 °C to 60 °C
Temperature Accuracy	0.5 °C (at 37 °C)
Temperature Uniformity	± 1.5 °C (at 37 °C)
Temperature Increments	± 1°C
Dimensions (L x W x H) in mm	337 x 370 x 475
Capacity	25L
Weight	6.5 kgs
Power consumption	240V
Ordering Code	100INCH0025000
List Price	On Request

HSN Code : 84198990

NEW



ORBITAL SHAKER

Maintenance free brushless DC motor for powerful performance under high speed

NEW



TECHNICAL DATA & ORDERING INFORMATION

Model Name	PL ONE	PL FOUR
Type of movement	Orbital	
Orbital diameter in mm	2 mm	3 mm
Number of plates	1	4
Motor Type	Brushless DC motor	
Speed range in rpm	300 RPM to 1800 RPM	200 RPM to 1200 RPM
Run Time	1 to 99 mins & infinite	1 to 999 mins & infinite
Pulse mode	No	Yes
Maximum Volume	96 / 384 well plate	4 x 96 / 384 well plate
Inbuilt Counter balance	Yes	Yes
Dimensions (W x D x H)	85 x 127 x 86 mm	343 x 88 x 195 mm
Digital Display	Yes	Yes
Attachments (included in standard pack)	Replaceable Clamps Foam attachment for 20 Microtubes	NA
Ordering Code	100PL000100000	100PL000400000
List Price	16500.00	On Request

HSN Code : 84798200

HIGH CAPACITY ORBITAL SHAKER

Platform Shaker with true orbital & linear reciprocating motion

TECHNICAL DATA & ORDERING INFORMATION

Model Name	7500S	15000S	
Type of movement	Orbital / Linear		
Orbital diameter in mm	10	30, 40, 50	60, 70
Speed range in rpm	50-500 rpm	50 - 300 rpm	50 - 200 rpm
Motor type	BLDC		
Display	digital		
Run time	1 min to 99.59 hrs		
Programable feature	6 programs with each program having 9 sub-programs		
Program Looping	Yes		
Platform Size (L x W) in mm	330 x 330	745 x 490	
Dimensions (W x D x H) in mm	350 x 408 x 99	625 x 825 x 165	
Ordering Information	100S0000075000	100S0000150000	
List Price	On request	On request	

HSN Code : 84798200

OPTIONAL ACCESSORIES - For Shaker 7.5 Kg

Description	Product Code	List Price
Universal platform with adjustable bars (Flask capacity 9 x 250 ml, 6 x 500 ml)	100S00009UPB75	9020.00
Base plate with 9 plastic clamps : 9 x 250 ml	100S02509BPP75	9000.00
Base plate with 9 plastic clamps : 9 x 500 ml	100S05009BPP75	9700.00
Base plate with 9 Stainless steel clamps : 9 x 100 ml	100S01009BPS75	11000.00
Base plate with 9 Stainless steel clamps : 9 x 250 ml	100S02509BPS75	11330.00
Base plate with 9 Stainless steel clamps : 9 x 500 ml	100S05009BPS75	13640.00
Stainless steel Clamp for 100 ml flask	100S01001SSC00	700.00
Stainless steel Clamp for 150 ml flask	100S01501SSC00	700.00
Stainless steel Clamp for 250 ml flask	100S02501SSC00	700.00
Stainless steel Clamp for 500 ml flask	100S05001SSC00	1300.00
Stainless steel Clamp for 1000 ml flask	100S10001SSC00	1600.00
Funnel Attachment	100S00000FA075	11660.00



OPTIONAL ACCESSORIES - For Shaker 15 Kg

Description	Product Code	List Price
Shakers 15 kg Universal Platform for 44 x 100 ml, 36 x 250 ml, 25 x 500 ml, 13 x 1000 ml	100S00UP150000	49100.00
Shaker 15 Kg Base Plate for Plastic Clamps for 24 x 250 ml, 24 x 250 ml	100S0BPC150015	32500.00
Shaker 15 Kg Plastic Clamp 1 No 250 ml	100S02501PC015	870.00
Shaker 15 Kg Plastic Clamp 1 No 500 ml	100S05001PC015	1100.00
Shaker 15 Kg Base Plate for SS Clamps 24 x 100 ml, 24 x 150 ml, 24 x 250 ml	100S0BSC250015	29200.00
Shaker 15 Kg SS Clamp 1 No, 100 ml	100S01001SC015	1110.00
Shaker 15 Kg SS Clamp 1 No, 150 ml	100S01501SC015	1360.00
Shaker 15 Kg SS Clamp 1 No, 250 ml	100S02501SC015	1360.00
Shaker 15 Kg Base Plate for SS Clamps 24 x 500 ml, 8 x 1000 ml	100S0BSC100015	29200.00
Shaker 15 Kg SS Clamp 1 No 500 ml	100S05001SC015	1900.00
Shaker 15 Kg SS Clamp 1 No 1000 ml	100S10001SC015	2200.00



TUBE ROLLER

Digital tube roller with microprocessor for silent operations

TECHNICAL DATA & ORDERING INFORMATION

Model Name	TR - 4	TR - 6
Number of tubes (in ml)	9 x 5 ml	15 X 7 ml
Motion	Rocking & Rolling	Rocking & Rolling
Motor	AC Synchronous	BLDC
Speed	Fixed	Variable
rpm	30 rpm	10 to 80 rpm
Tilt Anagle	± 3°	± 3°
Timer	NA	1 to 99 mins
Operation Type	Continuous / Infinite	Continuous & Timed Operation
Pulse mode	NA	Yes
Protection Class	IP 21	IP 21
Dimension (W x D x H) in mm	210 x 475 x 80	502 x 301 x 92.5
Product Code	100R0000415000	100R0000620000
List Price	18500.00	On request

HSN Code : 84798200



DIGITAL DISC TUBE ROTATOR

Microprocessor controlled, gentle & effective mixing of biological samples

TECHNICAL DATA & ORDERING INFORMATION

Model Name	SDR 16
Tube Capacity	16 Tubes (12 Blood Collection Tubes + 4 ESR Tubes)
Speed	Fixed
rpm	30 rpm
Time in min	Continuous / Infinite
Motor	AC
Protection Class	IP 21
Dimension (W x D x H) mm	(183 x 278 x 252)
Cat Code	100CTR0160030R
List Price	19000.00

HSN Code : 84798200



VORTEXER

The compact and new-age designed vortex mixer is capable of meeting the mixing requirements of Laboratory



TECHNICAL DATA & ORDERING INFORMATION

Model Name	BHRMI 1.0	BHRMI 2.0
Speed	500 to 2800 rpm	300 to 2800 rpm
Orbital diameter	6 mm	
Motor type	AC motor	BLDC motor
Operational mode	Touch, Stand-by & Continuous mode	
Timer Setting	NA	0 -999 min
Display	NA	LED with rpm & time
Feet	Four suction cups	
Unit External Dimension (W x D x H) in mm	132 x 160 x 180	
Power consumption	55 W	56 W
Current consumption	1 A	1.5 A
Ordering Information	BLFHVMX01000000000	BLFHVMX02000000000
List Price	7900.00	15950.00

HSN Code : 84798200

ACCESSORIES BHRMI 1.0 & 2.0

Included

Rubber Cup

BLAHVMX01040000000



Flat Foam

BLAHVMX01050000000



Vial Holder

BLAHVMX01000000001



Foam Holder

BLAHVMX01010000007



Optional

Accessories for 96 WELL PLATE

Ordering code (Combine) BLAHVMX02060000000

Microplate holder



Well plate locking belt



Accessories for VOLUMETRIC FLASK

Ordering code (Combine) BLA0EVA000FOAM0VMX

25, 50, 100ml Volumetric Flask Belt



Volumetric flask Base foam



Volumetric Flask Belt Locker



Foam Holder



OPTIONAL ACCESSORIES

Description	Product Code	Accessories 1.0 & 2.0	List Price
Rubber Cup	BLAHVMX01040000000	INCLUDED	720.00
Flat Foam	BLAHVMX01050000000		420.00
Vial Holder	BLAHVMX01000000001		430.00
Foam Holder	BLAHVMX01010000007		660.00
EVA Vial Holder foam	BLAHVMX02060000000	OPTIONAL	1220.00
Attachment Volumetric Flask	BLA0EVA000FOAM0VMX		950.00

MULTITUBE VORTEXER

Engineered for cell lysis, mixing suspensions, and general sample agitation

TECHNICAL DATA & ORDERING INFORMATION

Model Name	MTV012
Orbital Diameter in mm	6
Speed range (rpm)	50 - 2200 rpm
Motor type	BLDC motor
Speed Accuracy	±50 rpm
Operation Mode	Pulse & Continuous mode
Maximum Load	4.0 Kg
Digital time setting	1 min - 999 min & Infinite
Dimensions in mm	450 x 245 x 475
Weight (Kg)	24 Kg
Power	60W
Power Supply	AC 100-240V, 50/60Hz
Included Accessories	Foam insert for 07mlX60 Tubes Foam insert for 15mlX45 Tubes Foam insert for 50mlX18 Tubes
Order No	BLFHMTV01200000000
List Price	On request

HSN Code : 84798200



OPTIONAL ACCESSORIES

Description	Product Code	List Price
MTV012 50 ml X 18 TUBE HOLDING FOAM	BLA0FOAMMTV0000003*	3000.00
MTV012 15 ml X 45 TUBE HOLDING FOAM	BLA0FOAMMTV0000004 *	3000.00
MTV012 07 ml X 60 TUBE HOLDING FOAM	BLA0FOAMMTV0000005*	3000.00
250ml X 6 CONICAL FLASK HOLDING FOAM	BLA0FOAMMTV0000006	3000.00
100ml VOLUMETRIC FLASK HOLDING FOAM	BLA0FOAMMTV0000007	3000.00

* Supplied with unit

CHILLERS

Ensure accurate and constant conditions of cooling requirements of rotary evaporation



TECHNICAL DATA & ORDERING INFORMATION

Model Name	CHL175	CHL500	CHL010
Tank capacity	5 L	7.5 L	10 L
Tank size (L x W x D) in mm	325 x 176 x 150	325 x 265 x 150	325 x 265 x 200
Cooling capacity	175 W	500 W	1000 W
Pump flow rate	12.5 LPM		
Display	LED		
Temperature stability	± 1.0 °C		
Temperature range	-10 °C to ambient -5 °C		
Ordering information	BLFRCHL17500000000	BLFRCHL50000000000	BLFRCHL01000000000
List Price	On request		

HSN Code : 84198990



TECHNICAL DATA & ORDERING INFORMATION

Model Name	CTR175	CTR500	CTR010
Tank capacity	5 L	7.5 L	10 L
Tank size (L x W x D) mm	(325x176x150) mm		(325x265x200) mm
Cooling capacity	175 W	500 W	1000 W
Pump flow rate	12.5 LPM		
Display	LED		
Temperature stability	± 1.0 °C		
Temperature range	-10°C to 100°C		
Ordering information	BLFRCTR17500000000	BLFRCTR50000000000	BLFRCTR01000000000
List Price	On request		

HSN Code : 84198990

OPTIONAL ACCESSORIES

Description	Product Code	List Price
Silicon Tube : 10 mm ID x 14 mm OD	BLA0TUB100SILC1014	770.00

VACCUM PUMP

Clean operation & highest reliability with LabQuest Oil Free Vacuum Pump

TECHNICAL DATA & ORDERING INFORMATION

Model Name	BORO - 017
Max. Vacuum	100 mbar
Max. flow rate	17 L / min
Motor rotation	1450 rpm
Port thread	9 mm
Noise level	50 dB
Weight	4.4 kg
Dimension (W x D X H) in mm	272 x 142 x 165
Electrical Requirement	0.3 A
Power Consumption	60 W
Ordering Information	100VP300017
List Price	26400

HSN Code : 84798200



MICROPIPETTE

C1 Designed to take manual liquid-handling workflows to a whole new level with industry-leading accuracy and precision.

TECHNICAL DATA & ORDERING INFORMATION

Product Code	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC17111001	1	2.5	1.8	14960.00
LHC17111002	2	2.5	1.8	14960.00
LHC17111005	5	1.2	0.8	14960.00
LHC17111006	10	1.0	0.5	14960.00
LHC17111008	20	1.0	0.3	14960.00
LHC17111009	25	0.8	0.4	14960.00
LHC17111010	30	1.2	0.4	14960.00
LHC17111012	50	1.0	0.3	14960.00
LHC17111016	100	0.7	0.2	14960.00
LHC17111020	200	0.6	0.2	14960.00
LHC17111021	250	2.0	0.6	14960.00
LHC17111024	500	0.8	0.2	14960.00
LHC17111029	1000	0.8	0.2	14960.00
LHC17111030	2000	1.2	0.3	14960.00
LHC17111033	5000	0.6	0.2	14960.00
LHC17111038	10000	0.6	0.2	14960.00

HSN Code : 90318000



TECHNICAL DATA & ORDERING INFORMATION

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC17112002	0.2-2	0.02	2.0	1.00	18820.00
LHC17112005	0.5-10	0.10	1.0	0.50	18820.00
LHC17112008	2-20	0.20	1.0	0.30	18820.00
LHC17112016	5-50	0.50	1.0	0.30	18820.00
LHC17112020	10-100	1.00	0.7	0.20	18820.00
LHC17112024	20-200	2.00	0.6	0.20	18820.00
LHC17112029	100-1000	10.00	0.8	0.20	18820.00
LHC17112033	1000-5000	50.00	0.6	0.15	18820.00
LHC17112038	1000-10000	20.00	0.6	0.15	18820.00

HSN Code : 90318000

OPTIONAL ACCESSORIES

Description	Product Code	Qty. / Pk	List Price
C1 Fixed Vol Knob	On Request	1	2500.00
C1 Variable Vol Knob	On Request	1	3900.00

MICROPIPETTE

C1 Multichannel pipettes minimize human error and maximize the reliability of manual liquid transfer in scientific experiments.

TECHNICAL DATA & ORDERING INFORMATION

C1 PIPETTE, 8 CHANNEL

Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC17113001	0.5-10	0.1	2.00	1.00	32000.00
LHC17113002	2-20	0.2	2.00	1.00	32000.00
LHC17113009	5-50	0.5	1.40	0.60	32000.00
LHC17113016	10-100	1	1.30	0.50	32000.00
LHC17113020	20-200	2	1.20	0.40	32000.00
LHC17113022	30-300*	2	1.40	0.30	32000.00

HSN Code : 90318000

* 30-300µl available in two knobs : 30 - 200 µl & 125 - 300 µl

C1 PIPETTE, 12 CHANNEL

Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC17114001	0.5-10	0.1	2.00	1.00	35600.00
LHC17114002	2-20	0.2	2.00	1.00	35600.00
LHC17114009	5-50	0.5	1.40	0.60	35600.00
LHC17114016	10-100	1.0	1.30	0.50	35600.00
LHC17114020	20-200	2.0	1.20	0.40	35600.00
LHC17114022	30-300*	2.0	1.40	0.30	35600.00

HSN Code : 90318000

* 30-300µl available in two knobs : 30 - 200 µl & 125 - 300 µl



C1 PIPETTE, 8 CHANNEL



C1 PIPETTE, 12 CHANNEL

MICROPIPETTE

Experience truly effortless pipetting with New LabQuest C2 Pipette

TECHNICAL DATA & ORDERING INFORMATION

C2 Single Channel Fixed Volume Pipette Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC27111003	2.5	2.0	1.6	8500.00
LHC27111005	5	1.3	1.2	8500.00
LHC27111006	10	1.2	0.6	8500.00
LHC27111008	20	1.0	0.3	8500.00
LHC27111009	25	1.0	0.3	8500.00
LHC27111012	50	0.7	0.3	8500.00
LHC27111016	100	0.6	0.2	8500.00
LHC27111020	200	0.6	0.2	8500.00
LHC27111023	250	0.6	0.3	8500.00
LHC27111024	500	0.6	0.2	8500.00
LHC27111029	1000	0.6	0.2	8500.00
LHC27111030	2000	0.3	0.15	8500.00
LHC27111033	5000	0.3	0.15	8500.00
LHC27111038	10000	0.6	0.2	8500.00

HSN Code : 90318000



C2 Single Channel Variable Volume Pipette Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC27112003	0.2-2.5	0.002	2.5	0.70	13200.00
LHC27112005	0.5-10	0.02	1.0	0.40	13200.00
LHC27112008	2-20	0.02	0.9	0.30	13200.00
LHC27112016	5-50	0.10	0.5	0.30	13200.00
LHC27112020	10-100	0.10	0.8	0.20	13200.00
LHC27112024	20-200	0.20	0.6	0.20	13200.00
LHC27112029	100-1000	1.00	0.6	0.20	13200.00
LHC27112033	500-5000	10.00	0.6	0.20	13200.00
LHC27112038	1000-10000	20.00	0.6	0.15	13200.00

HSN Code : 90318000

C2 8 - Channel Variable Volume Pipette Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC27113001	0.5-10	0.02	2.00	1.00	28000.00
LHC27113002	2-20	0.02	2.00	1.60	28000.00
LHC27113009	5-50	0.1	1.00	0.70	28000.00
LHC27113016	10-100	0.1	0.80	0.30	28000.00
LHC27113020	20-200	0.2	0.70	0.25	28000.00
LHC27113022	30-300	0.2	0.60	0.30	28000.00

HSN Code : 90318000

C2 12- Channel Variable Volume Pipette Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC27113001	0.5-10	0.02	2.00	1.00	33000.00
LHC27113002	2-20	0.02	2.00	1.60	33000.00
LHC27113009	5-50	0.1	1.00	0.70	33000.00
LHC27113016	10-100	0.1	0.80	0.30	33000.00
LHC27113020	20-200	0.2	0.70	0.25	33000.00
LHC27113022	30-300	0.2	0.60	0.30	33000.00

HSN Code : 90318000

MICROPIPETTE

C3 Pipettes

TECHNICAL DATA & ORDERING INFORMATION

C3: Lightweight, Ergonomic pipette design for every lab application

Product Code	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC37111001	1	2.5	1.8	3900.00
LHC37111002	2	2.5	1.2	3900.00
LHC37111005	5	1.2	0.8	3900.00
LHC37111006	10	1.0	0.5	3900.00
LHC37111008	20	1.0	0.3	3900.00
LHC37111009	25	0.8	0.4	3900.00
LHC37111010	30	1.2	0.4	3900.00
LHC37111012	50	1.0	0.3	3900.00
LHC37111016	100	0.7	0.2	3900.00
LHC37111020	200	0.6	0.2	3900.00
LHC37111021	250	0.4	0.2	3900.00
LHC37111024	500	0.8	0.2	3900.00
LHC37111029	1000	0.8	0.2	3900.00
LHC37111033	5000	0.6	0.2	3900.00
LHC37111038	10000	0.6	0.2	3900.00

HSN Code : 90318000



C3 Single Channel Variable Vol Pipette, Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC37112002	0.2-2	0.01	2.00	1.00	5400.00
LHC37112005	0.5-10	0.10	1.00	0.50	5400.00
LHC37112008	2-20	0.10	1.00	0.30	5400.00
LHC37112016	5-50	0.50	1.00	0.30	5400.00
LHC37112020	10-100	0.50	0.70	0.20	5400.00
LHC37112024	20-200	1.00	0.60	0.20	5400.00
LHC37112029	100-1000	5.00	0.80	0.20	5400.00
LHC37112033	500-5000	50.00	0.60	0.20	5400.00
LHC37112038	1000-10000	100.00	0.60	0.15	5400.00

HSN Code : 90318000

C3 8- Channel Variable Volume Pipette Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC37113001	0.5-10	0.10	1.50	1.50	19540.00
LHC37113009	5-50	0.50	1.00	0.70	19540.00
LHC37113016	10-100	0.50	1.00	0.50	19540.00
LHC37113020	20-200	1.0	0.7	0.25	19540.00
LHC37113022	30-300	1.0	0.8	0.25	19540.00

HSN Code : 90318000

C3 12- Channel Variable Volume Pipette Calibration & Accuracy As Per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC37114001	0.5-10	0.1	1.50	1.50	24420.00
LHC37114009	5-50	0.5	1.00	0.70	24420.00
LHC37114016	10-100	0.5	1.00	0.50	24420.00
LHC37114020	20-200	1.0	0.70	0.25	24420.00
LHC37114022	30-300	1.0	0.80	0.25	24420.00

HSN Code : 90318000

MICROPIPETTE

Electronic pipettes are ergonomic with features of pipetting, dispensing programs & reduce muscle strain by performing pipetting steps for the user

C1 Single Channel Electronic Micropipette - Calibration and Accuracy As per ISO 8655

Product Code	Volume Increment (µl)	Volume Range (µl)	Test Volume (µl)	Inaccuracy (%)	Imprecision (%)	List Price
LHC17022042	0.5-10	0.01	10	1	1	36260.00
LHC17022012	5-100	0.1	100	0.8	0.2	36260.00
LHC17022008	10-200	0.1	200	0.6	0.2	36260.00
LHC17022024	50 - 1000	1	1000	0.6	0.2	36260.00
LHC17022016	250 - 5000	5	5000	0.6	0.2	36260.00

HSN Code : 90318000



C1 8-Channel Electronic Micropipette - Calibration and Accuracy As per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	List Price
LHC17023001	0.5-10	0.01	58940.00
LHC17023002	2-20	0.01	58940.00
LHC17023016	5-100	0.10	58940.00
LHC17023020	10-200	0.10	58940.00
LHC17023022	15-300	0.10	58940.00

HSN Code : 90318000



C1 12-Channel Electronic Micropipette - Calibration and Accuracy As per ISO 8655

Product Code	Volume Range (µl)	Volume Increment (µl)	List Price
LHC17024001	0.5-10	0.01	66570.00
LHC17024002	2-20	0.01	66570.00
LHC17024016	5-100	0.10	66570.00
LHC17024020	10-200	0.10	66570.00
LHC17024022	15-300	0.10	66570.00

HSN Code : 90318000

ELECTRONIC PIPETTE CONTROLLER

FAST PIPETTE Pipette Controller: Pipette filling device

Product Code	Description	List Price
LHC17005011	Pipette filling device	18700.00

HSN Code : 90318000



BOTTLE TOP DISPENSERS

Bottle Top Dispensers offer simple solution for safe dispensing of reagents & chemicals in desired volume

TECHNICAL DATA & ORDERING INFORMATION

2011 - Bottle Top Dispensers Research Model - Fully Autoclavable, Calibration And Accuracy As Per ISO 8655

Product Code	Vol. Range (μ l)	Increment (ml)	Accuracy		CV		List Price
			\pm %	\pm ml	\pm %	\pm ml	
LH002011002	0.25 - 2.5	0.05	0.6	0.012	0.2	0.004	13800.00
LH002011005	0.5 - 5.0	0.10	0.6	0.03	0.2	0.01	13800.00
LH002011016	1.0 - 10.0	0.20	0.6	0.06	0.2	0.02	13800.00
LH002011020	2.5 - 30.0	0.50	0.6	0.18	0.2	0.06	20000.00
LH002011040	5.0 - 60.0	1.00	0.6	0.36	0.2	0.12	20000.00
Lh002011100	10.0 - 100.0	2.00	0.5	0.5	0.1	0.1	23900.00

HSN Code : 90278090

Dispensers come with 28mm, 32mm, 36mm, 40mm & 45mm bottle neck adapters.



2012 - Bottle Top Dispensers Pinnacle Model - with Re-circulation Valve, Calibration And Accuracy As Per ISO 8655

Product Code	Vol. Range (μ l)	Increment (ml)	Accuracy		CV		List Price
			\pm %	\pm ml	\pm %	\pm ml	
LH002012002	0.25 - 2.5	0.05	0.6	0.015	0.2	0.005	22900.00
LH002012005	0.5 - 5.0	0.10	0.5	0.025	0.1	0.005	22900.00
LH002012016	1.0 - 10.0	0.20	0.5	0.05	0.1	0.01	22900.00
LH002012020	2.5 - 30.0	0.50	0.5	0.15	0.1	0.03	32100.00
LH002012040	5.0 - 60.0	1.00	0.5	0.3	0.1	0.06	34200.00
Lh002012100	10.0 - 100.0	2.00	0.5	0.5	0.1	0.1	49400.00

HSN Code : 90278090

Dispensers come with 28mm, 32mm, 36mm, 40mm & 45mm bottle neck adapters.



ELECTRONIC BURETTE

Automatic Digital Burette -Designed with ergonomics and intuitive handling

TECHNICAL DATA & ORDERING INFO

Model name	EB010	EB025	EB050
Capacity (ml)	10 ml	25 ml	50 ml
Display Increment (ml)	0.01 ml		
Accuracy in \pm %	0.20%	0.20%	0.20%
Accuracy in \pm ml	0.02 ml	0.05 ml	0.1 ml
CV in \pm %	0.07%	0.07%	0.07%
CV in \pm ml	0.007 ml	0.0175 ml	0.035 ml
Ordering Code	LH002014006	LH002014009	LH002014012
List Price	87100.00	87100.00	87100.00

HSN Code : 90278090



TIPS

The ergonomically optimized cone geometry provides the optimal pipette fit for LabQuest Pipette

TECHNICAL DATA & ORDERING INFORMATION

Universal Graduated Tips Bulk Pack

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT0000010B	BGT-10B	10	–	1000 tips / pack	550.00
BGT0000200B	BGT-200B	200	–	1000 tips/ pack	510.00
BGT0001000B	BGT-1000B	1000	–	1000 tips/ pack	770.00
BGT0C10005000B	BGT-C10005	5000	Only C1	100 tips/ pack	1240.00
BGT0C30005000B	BGT-C30005	5000	Only C3	100 tips/ pack	1240.00
BGT0C10010000B	BGT-C10010	10000	Only C1	100 tips/ pack	2800.00
BGT0C30010000B	BGT-C30010	10000	Only C3	100 tips/ pack	2800.00

Universal Graduated Tip Racks

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT0000010R	BGT-10	10	–	10 X 96 Tips/rack	2310.00
BGT0000200R	BGT-200R	200	–	10 X 96 Tips/rack	2190.00
BGT0001000R	BGT-1000R	1000	–	6 X 96 Tips/ rack	1410.00

Universal Graduated Tip Racks Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT000010SR	BGT-10SR	10	–	10 X 96 Tips/rack	2490.00
BGT000200SR	BGT-200SR	200	–	10 X 96 Tips/rack	2360.00
BGT001000SR	BGT-1000SR	1000	–	6 X 96 Tips/ rack	1640.00

Universal Graduated Tip Racks Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT00010SLR	BGT-10SLR	10	–	10 X 96 Tips/rack	2660.00
BGT00200SLR	BGT-200SLR	200	–	10 X 96 Tips/rack	2600.00
BGT01000SLR	BGT-1000SLR	1000	–	6 X 96 Tips/ rack	2120.00

Universal Graduated Tip Reload Stack Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT000010SZ	BGT-10SZ	10	–	10 X 96 tips / rack	1700.00
BGT000200SZ	BGT-200SZ	200	–	10 X 96 tips / rack	1630.00
BGT001000SZ	BGT-1000SZ	1000	–	5 x 96 tips/ rack	1220.00

Universal Graduated Tip Reload Stack Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT00010SLZ	BGT-10SLZ	10	–	10 X 96 tips / rack	2000.00
BGT00200SLZ	BGT-200SLZ	200	–	10 X 96 tips / rack	1950.00
BGT01000SLZ	BGT-1000SLZ	1000	–	5 x 96 tips/ rack	1520.00

* HSN Code : 90278090

FILTER TIPS

Protect pipettes and valuable samples from contamination with LabQuest Filter Tips

TECHNICAL DATA & ORDERING INFORMATION

Universal Graduated Filter Tips Bulk Pack

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT000010FB	BGT-10FB	10	–	1000 tips/ pack	2540.00
BGT000020FB	BGT-20FB	20	–	1000 tips/ pack	2540.00
BGT000050FB	BGT-50FB	50	–	1000 tips/ pack	2540.00
BGT000100FB	BGT-100FB	100	–	1000 tips/ pack	2540.00
BGT000200FB	BGT-200FB	200	–	1000 tips/ pack	2540.00
BGT001000FB	BGT-1000FB	1000	–	1000 tips/ pack	3150.00

Universal Graduated Filter Tip Racks

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT000010FR	BGT-10FR	10	–	10 X 96 Tips/rack	3630.00
BGT000020FR	BGT-20FR	20	–	10 X 96 Tips/rack	3630.00
BGT000050FR	BGT-50FR	50	–	10 X 96 Tips/rack	3630.00
BGT000100FR	BGT-100FR	100	–	10 X 96 Tips/rack	3630.00
BGT000200FR	BGT-200FR	200	–	10 X 96 Tips/rack	3630.00
BGT001000FR	BGT-1000FR	1000	–	6 X 96 Tips/ rack	2540.00

Universal Graduated Filter Tip Rack Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT00010SFR	BGT-10SFR10	10	–	10 X 96 Tips/rack	3750.00
BGT00020SFR	BGT-20SFR	20	–	10 X 96 Tips/rack	3750.00
BGT00050SFR	BGT-50SFR	50	–	10 X 96 Tips/rack	3750.00
BGT00100SFR	BGT-100SFR	100	–	10 X 96 Tips/rack	3750.00
BGT00200SFR	BGT-200SFR	200	–	10 X 96 Tips/rack	3750.00
BGT01000SFR	BGT-1000SFR	1000	–	6 X 96 Tips/ rack	2790.00

Universal Graduated Filter Tip Rack Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT0010SLFR	BGT-10SLFR	10	–	10 X 96 Tips/rack	4600.00
BGT0020SLFR	BGT-20SLFR	20	–	10 X 96 Tips/rack	4600.00
BGT0050SLFR	BGT-50SLFR	50	–	10 X 96 Tips/rack	4600.00
BGT0100SLFR	BGT-100SLFR	100	–	10 X 96 Tips/rack	4600.00
BGT0200SLFR	BGT-200SLFR	200	–	10 X 96 Tips/rack	4600.00
BGT1000SLFR	BGT-1000SLFR	1000	–	6 X 96 Tips/ rack	3450.00

Empty Tip Box

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	List Price
BGT00010ETR	BGT-10ETR	10	–	10 Rack Boxes	1800.00
BGT00200ETR	BGT-200ETR	200	–	10 Rack Boxes	1800.00
BGT01000ETR	BGT-1000ETR	1000	–	6 Rack Boxes	1200.00

* HSN Code : 90278090

TECHNICAL INFORMATION

BOROSIL LOW EXPANSION BOROSILICATE GLASS:

From the 16th century to the present day, chemical research teams have been using glass containers for a very simple reason. As the glass container is transparent, the contents and the reaction are clearly visible. However, since chemists need to heat, cool and mix chemical substances, ordinary glass is not always appropriate for laboratory work.

Laboratory work requires apparatus made of glass that can readily be moulded into any desired shape or form. It requires glass that offers maximum inertness when in contact with the widest range of chemical substances. The glass should have the capability to withstand thermal shock without fracture, and it should facilitate high temperature work without deforming. It should be resilient enough to survive the everyday knocks to which it will be subjected in normal laboratory handling, washing and sterilising processes.

BOROSIL is the trade name of such a glass.

The products represent optimum mechanical, thermal and chemical behaviour. This glass is used in laboratories as well as for industrial applications, where thermal shock resistance, mechanical resistance as well as unusual chemical resistance are required.

CHEMICAL COMPOSITION OF GLASS

Borosil glass is a 3.3 Type I low alkali borosilicate glass. It is virtually free from the Magnesia-Lime-Zinc group, and is also completely free of arsenic and other heavy metals. Its **typical chemical composition** is given below.

Content	Approx % by weight
SiO ₂	81
B ₂ O ₃	13
Na ₂ O / K ₂ O	4
Al ₂ O ₃	2

THERMAL PROPERTIES

Borosil glass has a low co-efficient of thermal expansion. Consequently, the thermal stresses under a given temperature gradient are also low. The glass can withstand

higher temperature gradients and also sudden temperature changes / thermal shocks. Minute scratching of the glass surface can, however, reduce its thermal resistance.

'Strain Point' should be regarded as the maximum safe operating temperature for Borosil glassware. When heated above 500°C, the glass may acquire permanent stresses on cooling.

All Borosil laboratoryware is annealed in a modern Lehr, under strictly controlled conditions to ensure minimal residual stresses in the products.

The **typical thermal properties** of Borosil glassware are mentioned below

Coefficient of Linear Expansion	32.5 x10⁻⁷cm / cm / °C
Strain 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 PROPERTIES

BOROSIL 3.3 Glass is highly resistant to water, neutral and acid solutions, concentrated acids and acid mixtures, and to chlorine, bromine, iodine and organic substances. The chemical resistance of this glass is superior to that of most metals and other materials, even when exposed to long processing periods and temperatures above 100 °C. A slight release of mainly monovalent ions takes place after exposure of the glass to water or acids. A very thin layer of impervious silica gel is subsequently formed on the surface of the glass, which in turn slows down further attack. At higher temperatures and in more concentrated forms the glass surface is subject to increased attack by hydrofluoric acid, hot phosphoric acid and alkaline solutions.

Hydrolytic Class (ISO 719)	HGB 1
Acid Class (DIN 12 116)	S1
Alkali Class (ISO 695)	A 2

A GUIDE ON GLASS BREAKAGE AND RECOMMENDED SOLUTIONS

Type of breakage	Causes of glass breakage	Solution
Breakage during heating procedures	Drying up of vessel during heating due to evaporation	Do not leave the vessel unattended during heating procedure
	Use of excessive heat throughout the experiment	Decrease the temperature as the liquid level drops
	Use of point source heating	Solution Use a large but soft flame for heating
	Heating of the vessel above the liquid level	"Ensure that the flame is in contact with the vessel below the liquid level"
	Uneven heating the vessel over electric heaters and hot plates; use of an under sized hot plate	"Always ensure that the surface of the hot plate is larger in area than the base of the vessel being heated."

A GUIDE ON GLASS BREAKAGE AND RECOMMENDED SOLUTIONS

Type of breakage	Causes of glass breakage	Solution
Breakage during cooling procedures	Placing the hot vessel on cold surface/ filling up a hot vessel with cold liquids	Allow the vessel to cool before placing or filling it up on/ with cold surfaces/substances
Breakage due to scratches and abrasions inside the vessel	Use of incorrect anti-bumping device, such as broken procelain with sharp edges that causes internal abrasions and reduces mechanical strength of the glass	Always use anti-bumping devices in the vessel, such as powdered pumice or glass wool
	Use of improper stirring device that causes internal abrasions and reduces mechanical strength of the glass	Always use a teflon sleeve or a similar device on stirring rods, to prevent scratching of the inside of the vessel
		When using a glass vessel with a magnetic stirrer, always use a covered follower. This prevents abrasion of the walls from inside of the vessel
Breakage of the base of the glass container	Placing the hot vessel on cold surface/ filling up a hot vessel with cold liquids	Allow the vessel to cool before placing or filling it up on/ with cold surfaces/substances
	Use of a glass or metal mechanical stirrer in a glass vessel	Always pre-determine the height of the stirrer before use, to ensure that the stirrer blade does not come in contact with the base or sides of the vessel
	Addition of the antibumping device from a height in the glass vessel	
	Addition of water to acid in a glass vessel which generates sudden heat and leads to breakage	Always ensure to add water first in the glass container followed by slow addition of acid
Breakage due to vacuum/ pressure	Application of sudden pressure changes	Apply and release positive or negative pressures gradually.
	Use of pressure beyond the limit	Refer manufacturers instructions carefully before applying pressure/ vacuum to the glass vessel
Breakage of stopcocks and joints	Stopcocks stuck hardly on burettes and funnels	When not in use insert a thin strip of paper between the joint surfaces to prevent them from sticking
		Mechanical separation of the joint by carefully rocking the Cone in the socket, or gentle tapping the socket flange on a wooden surface, or by heating the socket and not the Cone in a localised flame
		Use of penetrating oil
		Frequent lubrication to prevent the stopcock and joints from sticking
		When using lubricants, it is advisable to apply a light coat of grease all around the upper part of the joint. Use only a small amount, and avoid greasing the part of the joint that comes in contact with the inside of the apparatus. Three types of lubricants are commonly used on standard taper joints. (a) Hydrocarbon grease is the most widely used. It can be removed easily by most laboratory solvents, including acetone. (b) As hydrocarbon grease is easy to remove, silicon grease is usually preferred for higher temperature or high vacuum applications. It can be removed with chloroform easily. (c) For long-term reflux or extraction reactions, a watersoluble, organic and insoluble grease such as glycerin, is suitable. Glycerin can be removed by means of water
Breakage during inserting glass tubing into rubber bung	Improper lubrication	Use water, oil or glycerol on both, the tubing as well as the rubber bung
	Presence of rough ends	Always fire-polish the rough ends of the glass tubing before attempting to insert it into flexible tubing

CLEANING OF GLASSWARE

Use of clean glassware is crucial for efficacy and efficiency of chemical reactions or biological processes. It is the key to success of any experiment. Use of dirty glass ware can lead to cross contamination of chemicals thereby leading to erroneous results. Cleaning of glassware should be an integral part of the good laboratory practices and should be followed by each member of the lab after each use.

DID YOU KNOW ?

New glassware is slightly alkaline in reaction. Hence, it should be soaked for about 2 to 3 hours in acidic water (1% solution of hydrochloric acid or nitric acid). Rinse with water and then soak the empty glassware in a basin / tub containing suitable cleaning agent / solution for 20 to 30 minutes.



Cleaning agents :

- Water/Purified water/warm water – Routine cleaning of all glassware
- Soaps/ detergent solution - Routine cleaning of all glassware
- Cleaning powders with/without abrasives – For exceptionally dirty glassware
- Acetone/Solvents - Glassware with greasy, sticky, waxy materials and glassware containing water immiscible solvents
- Hot nitric acid – glassware containing cloudy precipitates and coagulated organic matter, glassware required for TOC analysis

NOTE : After use of any of the cleaning agents, other than water, glassware should be rinsed and cleaned with water as per the standard laboratory procedure

DO'S AND DON'TS OF CLEANING

DO'S	DON'T'S
Remove the content of glassware before washing	Do not use a metallic scrubber or a brush with metallic bristles for cleaning
Remove all markings / sticker labels from the glassware.	Do not use strong alkalis for cleaning
Bring glassware to ambient temperature before cleaning, if they are subjected to heating or cooling during analysis	Do not use chromic acid and sulphuric acid mixture for cleaning as it is hazardous and toxic in nature
Use a suitable cleaning agent depending upon the type of dirt	
Soak the glassware in the cleaning agent for about half an hour before cleaning	
Use a good quality brush for cleaning	
After applying the cleaning agents always rinse the glassware first with tap water and finally with purified water	
Recommended temperature for drying of glassware is 60°C - 100°C	

Pipette Cleaning

- Dip the pipettes with their tips down, in a cylinder or tall jar of water, immediately after use.
- Do not drop them into the jar as this may break or chip the tips and render them useless.
- A pad of cotton or glass wool at the base of the jar will help to prevent breaking of the tips.
- Please ensure that the water level is high enough to immerse the greater portion of all or each of the Pipettes.
- Then drain the Pipettes and transfer them into a cylinder or jar containing any suitable cleaning agent or any suitable detergent solution.
- Allow it to soak in a jar or cylinder for about half an hour.
- Drain the pipette and run tap water over and through them until all contents are removed.
- Soak the Pipettes in purified water for at least one hour.
- Remove them and dry the external surface with a cloth, shake out the water and dry in oven.
- After drying, place the Pipettes in a dust-free drawer.
- For sterile applications, wrap serological and bacteriological Pipettes in an autoclavable bag and autoclave at 121°C for 30 mins or place them in
- Pipette cans and sterilise them in the dry air steriliser at 160°C for two hours.
- A Pipette used for transferring infectious material should have a plug of cotton placed in its mouth end before sterilising

Burette Cleaning

- Remove stopcock key before cleaning and wash the stopcock key separately
- Wash the burette with suitable cleaning agent or any other suitable detergent solution
- Rinse with tap water until all the dirt is removed. Then rinse with purified water.
- Keep the cleaned burette in inverted position until dry.
- Open the stopcock and keep for drying.
- Before the stopcock key is replaced in the burette, lubricate the joint with a small amount of lubricant.
- Always cover tip of burettes with butter paper or aluminium foil, when not in use.

Note: **The burette stopcock keys and glass stopcocks are not interchangeable**, hence, glass key and burette bore should be marked properly to avoid mix-ups

Culture Tubes

- 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 (15 lb pressure). Media which solidify on cooling should be poured out while the tubes are hot.
- After the tubes are emptied, brush them with a suitable cleaning agent.
- Rinse thoroughly with tap water, rinse with purified water, shake out the water and dry in oven.
- After cleaning before the next use, the culture tubes need to be sterilized again.
- The culture tubes and culture medium can be sterilized together in one cycle or can be sterilized separately.
- In the latter case, the sterile medium can be filled in the sterile culture tubes aseptically.

Serological Tubes

- 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.
- 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 soft soap or suitable cleaning agent and boil for 30 minutes. Rinse the tubes and clean with brush, rinse and dry with the usual precautions.

Note: 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 larger amounts produce haemolysis. Detergents interfere with serologic reactions.

Serological tubes and glassware should be kept separate from all other glassware and used for nothing except serologic procedures.

Microscope Slides

Cleaning of New slides

- Put a drop of cleaning solution of the slide. This can be a detergent solution or diluted alcohol solution
- Apply the cleaning solution uniformly on both the sides of slide and clean the surface carefully with your fingers or using a lint-free microfibre towel
- Rinse thoroughly under running tap water until the cleaning solution is completely washed out
- Ideally a thoroughly cleaned slide should hold a layer of water uniformly over its surface. This indicates that the slide is cleaned properly. If the water layer is formed over the surface in blotches, repeat the cleaning
- After cleaning is done dry slide using a paper towel/ microfibre towel.
- Allow the slides to air dry for some time before using

Cleaning Used slides

- Place the used slide in a container full of warm water and detergent
- Leave the slide in this for at least 0-8 hours
- Clean the slide using a gauze by rubbing both the sides until they are free of the dirt, stains, oil, etc.
- Rinse thoroughly under running tap water until the cleaning solution is completely washed out
- Ideally a thoroughly cleaned slide should hold a layer of water uniformly over its surface. This indicates that the slide is cleaned properly. If the water layer is formed over the surface in blotches, repeat the cleaning
- After cleaning is done dry slide using a paper towel/ microfibre towel
- Allow the slides to air dry for some time before using

Recalibration of volumetric glassware

Abstract: ASTM Standard E 452-01, Clause 4.2

3.3 low expansion borosilicate volumetric glassware will hold its calibration indefinitely provided that it is not exposed to hydrofluoric acid, phosphoric acid, or strong, hot alkalis, and that it is not heated above 150°C when dry. A frosting of the glass surface (when viewed dry) indicates that chemical attack has occurred and recalibration may be in order. As a precaution, however, it is recommended that the glassware be recalibrated after 10 years of service regardless of its appearance.

AUTOCLAVING OF GLASSWARE

Autoclaves are widely used to sterilise instruments, glassware and plasticware, solutions and media, and to decontaminate biological wastes. Due to the physical hazards (e.g. heat, steam and pressure) associated with autoclaving, extra care must be taken to use them safely. Each autoclave has unique characteristics and operating requirements. Please review and understand the owner's manual before using any autoclave for the first time, and every time thereafter. Also, please follow all the safety regulations for autoclaving, laid down by your institution.

Autoclaving empty glassware

1. Place individual glassware vessels within a heat resistant plastic or metal tray on a shelf or rack.
2. Never place them directly on the autoclave base or floor
3. Always maintain space (>5 cm) between glass vessels to give them room to expand while heating, and to prevent them from hitting other vessels when entering or leaving the autoclave
4. Add water rising up to 1/4 to 1/2 inch in the tray, so that the glassware will heat more evenly
5. Large heavy glassware, such as 3L or larger spinner flasks 5L or larger bottles and carboys should have a small amount of distilled water placed inside them to help generate steam when they are being sterilised dry in an autoclave

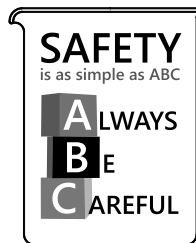
Autoclaving glassware containing liquids

Never autoclave items containing corrosives (e.g. acids, bases, phenol), solvents or volatiles (e.g. ethanol, methanol, chloroform) or radioactive materials.

1. Fill the glassware only half full with the liquids to be sterilised.
2. Take into consideration, the volume of liquid to be autoclaved.
For e.g. : 2-litre flask containing 1 litre of liquid takes much longer to sterilise than four 500 ml flasks, each containing 250 ml of liquid
3. Do a test run when autoclaving larger volumes of liquid, to make sure that the liquid has reached 121°C
4. Always use the slow exhaust or liquid cool cycle when autoclaving liquids, to prevent the liquid from boiling over, causing loss of the contents
5. Suspend an autoclave thermometer with a thin wire, in the middle of the liquid-filled container to record the highest temperature reached. Then, check its reading after the autoclave run is complete. If the temperature is too low, then the run-time will need to be increased or the volume will need to be reduce
6. To prevent bottles from getting shattered during pressurisation, the caps of the vessels with liquids must be loosened completely before loading

Safety during Autoclaving

Always follow the safety precautions to protect yourself and the equipment being used.



1. Be sure to wear the correct PPE including a lab coat, eye protection, closed-toe shoes, and heat-resistant gloves
2. Remember that after usage, glassware will be hot and can cause serious injury if the correct precautionary measures aren't taken
3. Always wait for the pressure gauge to drop to zero with zero time remaining before you open the door
4. Stand behind the door as you open it and allow all the steam to fully escape before reaching into the autoclave
5. Let glassware fully cool before touching them

DO'S	DON'T'S
Wait for 5 minutes before removing dry glassware from the autoclave, and wait for 10 to 20 minutes before removing glassware containing liquids	Do not tighten caps on the vessels immediately after autoclaving The cap or the vessel may get shattered due to the vacuum resulting from the cooling of the steam in the vessel
For non-liquid loads, please allow the glassware to cool for 15 minutes before touching it For liquid loads, please allow the liquid to stand for a full hour before touching the glassware	Do not put hot glassware, especially large bottles, from an autoclave (or any other heat source) on to a cold bench top. The stress that is induced will often cause the base of the vessel to crack or fall off, releasing its hot contents

PERSONAL SAFETY

- Use tongs or asbestos gloves to remove any glassware from heat. Hot glass can cause severe burns.
- Protective gloves, safety shoes, aprons and goggles should be worn to safeguard against chemical accidents, spilling or splattering.
- Always flush the outside of the acid bottle with water before opening it. Do not place the stopper on the counter top, where someone else may come in contact with acid residue.
- Care should be taken when handling mercury. Even a miniscule amount of mercury in the base of a drawer can poison the atmosphere in an entire room. Mercury toxicity is cumulative and the element's ability to amalgamate with a number of metals is well known. Following any accident involving mercury, the area should be checked thoroughly to ensure that there are no globules remaining. All mercury containers should be kept well stoppered.
- Never drink from a beaker. A beaker intended specifically for the use of drinking is a hazard in the laboratory. Do not taste chemicals to identify them. Smell chemicals only when necessary, and only by wafting a small amount of vapour towards the nose.
- Avoid using a Pipette with the mouth, particularly when using concentrated acids, alkalis or potentially biohazardous materials. Use mechanical means, such as a rubber bulb or an automatic dispenser.
- Do not fill the receptacle with any material other than that mentioned on the label. Label all containers before filling. Discard the contents of any unlabelled containers.
- To prevent breakage when clamping glassware, do not permit glass-to-metal contact, and do not use excessive force to tighten the clamps.
- 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 could cause the contents to be ejected suddenly, resulting in injury.
- Splattering from acids, caustic materials and strong oxidising solutions on the skin or clothing should be washed off immediately with large quantities of water.
- When working with chlorine, hydrogen sulphide, carbon monoxide, hydrogen cyanide and other highly toxic substances, always use a protective mask. Alternatively, perform these experiments under a fume hood in a well ventilated area.
- In working with volatile materials, please keep in mind that heat causes expansion and confinement of such expansion results in explosion. Also remember that this danger exists even if external heat is not applied.
- Perchloric acid is particularly dangerous as it explodes when brought in contact with organic materials. Do not use perchloric acid around wooden benches or tables.
- Keep perchloric acid bottles on glass or ceramic trays with capacity that is adequate to hold all the acid in case the bottle breaks.
- When using perchloric acid, always wear protective clothing.
- When using hot plates and other electrical equipment, always ensure that the wire and plugs are in good condition. Do not handle an electrical connection with damp hands


BOROSIL®

CAUTION NOTICE


We, **BOROSIL LIMITED** (which was a wholly owned subsidiary of **Borosil Glass Works Limited** and formerly known as Hopewell Tableware Limited), a company registered under the Companies Act, 1956 and having its registered office at 1101, Crescenzo House, 44, Dr. R.G. Thadani Marg, Worli, Mumbai - 400018. are the owners and proprietor's of the Trademark **BOROSIL®**, which is a registered mark. Pursuant to NCLT Mumbai Bench order dated 15 Jan 2020, sanctioning a Composite Scheme of Amalgamation and Arrangement, the trademark **BOROSIL** which was earlier owned by BGWL has been vested in **BOROSIL LIMITED**.

The said, trademark **BOROSIL®** has been used in the market, to sell and export a wide variety of glassware products since more than 5(five) decades throughout India as well as several countries across the globe.

The Trademark **BOROSIL®** has acquired a very high reputation and goodwill by virtue of long, extensive and continuous use. The said trademark is associated and identified exclusively with the goods manufactured, marketed and sold by **BOROSIL LIMITED** (which was a wholly owned subsidiary of **Borosil Glass Works Limited** and formerly known as Hopewell Tableware Limited).

It has, from time to time come to our notice that some persons occasionally try to sell spurious goods by copying the **BOROSIL®** trademark and/or 'Borosil Logo' 

The trade and public are cautioned that only products manufactured, marketed and sold by erstwhile **Borosil Glass Works Limited** and **BOROSIL LIMITED** are permitted to carry the trademark **BOROSIL®** or 'Borosil Logo' 

Those who are deceiving the public by copying the Trademark **BOROSIL®** or 'Borosil Logo'  or using it wrongly on products not made, marketed and /or sold by **Borosil Limited** (which was a wholly owned subsidiary of **Borosil Glass Works Limited** and formerly known as Hopewell Tableware Limited), will be prosecuted and **Borosil Limited** will adopt all legal recourse available to it, which may be Civil or Criminal in nature and may include police raids, to prevent such unauthorized use without giving further notice.

The Trade and Public are cautioned that they should always request for a bill on purchase of their products, as spurious goods are harmful and have dangerous and adverse effects to the life of the user as well as the nation.

We request you to bring to our attention any instances of such nefarious activities, which you may come across, we shall maintain the secrecy of you identify.

Correspondence in this connection may please be made at registered office address of the Company.

1 **H**
HYDROGEN
1.008
[1.0078, 1.0082]

3 **Li**
LITHIUM
6.94
[6.938, 6.937]

11 **Na**
SODIUM
22.990

4 **Be**
BERYLLIUM
9.0122

12 **Mg**
MAGNESIUM
24.306
[24.304, 24.307]

19 **K**
POTASSIUM
39.098

37 **Rb**
RUBIDIUM
85.468

55 **Cs**
CAESIUM
132.91

87 **Fr**
FRANCIUM

20 **Ca**
CALCIUM
40.078 (4)

38 **Sr**
STRONTIUM
87.62

56 **Ba**
BARIUM
137.33

88 **Ra**
RADIUM

21 **Sc**
SCANDIUM
44.956

39 **Y**
YTRIUM
88.906

57-71
LANTHANIDES

89-103
ACTINOIDS

22 **Ti**
TITANIUM
47.887

40 **Zr**
ZIRCONIUM
91.224 (2)

72 **Hf**
HAFNIUM
178.49 (2)

104 **Rf**
RUTHERFORDIUM

23 **V**
VANADIUM
50.942

41 **Nb**
NIOBIUM
92.906

73 **Ta**
TANTALUM
180.95

105 **Db**
DUBNIUM

24 **Cr**
CHROMIUM
51.996

42 **Mo**
MOLYBDENUM
95.95

74 **W**
TUNGSTEN
183.84

106 **Sg**
SEABORGIUM

25 **Mn**
MANGANESE
54.938

43 **Tc**
TECHNETIUM

75 **Re**
RHENIUM
186.21

107 **Bh**
BOHRIUM

26 **Fe**
IRON
55.854 (2)

44 **Ru**
RUTHENIUM
101.07 (2)

76 **Os**
OSMIUM
190.23 (3)

108 **Hs**
HASSIUM

27 **Co**
COBALT
58.933

45 **Rh**
RHODIUM
102.91

77 **Ir**
IRIDIUM
192.22

109 **Mt**
MEITNERIUM

28 **Ni**
NICKEL
58.693

46 **Pd**
PALLADIUM
106.42

78 **Pt**
PLATINIUM
195.08

110 **Ds**
DARKESTADTIUM

29 **Cu**
COPPER
63.546 (3)

47 **Ag**
SILVER
107.87

79 **Au**
GOLD
196.97

112 **Cn**
COPENICIUM

30 **Zn**
ZINC
65.38 (2)

48 **Cd**
CADMIUM
112.41

80 **Hg**
MERCURY
200.59

114 **Fl**
FLEROVIUM

31 **Ga**
GALLIUM
69.723

49 **In**
INDIUM
114.82

81 **Tl**
THALLIUM
204.38
[204.38, 204.39]

113 **Nh**
NIHONIUM

32 **Ge**
GERMANIUM
72.630 (6)

50 **Sn**
TIN
118.71

82 **Pb**
LEAD
207.2

114 **Fl**
FLEROVIUM

33 **As**
ARSENIC
74.922

51 **Sb**
ANTIMONY
121.76

83 **Bi**
BISMUTH
208.98

115 **Mc**
MOSCOWIUM

34 **Se**
SELENIUM
78.971 (6)

52 **Te**
TELLURIUM
127.60 (3)

84 **Po**
POLONIUM

116 **Lv**
LIVERMORIUM

35 **Br**
BROMINE
[79.901, 79.907]

53 **I**
IODINE
126.90

85 **At**
ASTATINE

117 **Ts**
TENNESSINE

36 **Kr**
KRYPTON
83.798 (2)

54 **Xe**
XENON
131.29

86 **Rn**
RADON

118 **Og**
OGANESSON

10 **Ne**
NEON
20.180

18 **Ar**
ARGON
39.948
[39.942, 39.953]

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7 **N**
NITROGEN
14.007
[14.006, 14.008]

15 **P**
PHOSPHORUS
30.974

33 **As**
ARSENIC
74.922

51 **Sb**
ANTIMONY
121.76

83 **Bi**
BISMUTH
208.98

115 **Mc**
MOSCOWIUM

8 **O**
OXYGEN
15.999
[15.999, 16.000]

16 **S**
SULPHUR
32.06
[32.059, 32.076]

34 **Se**
SELENIUM
78.971 (6)

52 **Te**
TELLURIUM
127.60 (3)

84 **Po**
POLONIUM

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LIVERMORIUM

6 **C**
CARBON
12.011
[12.009, 12.012]

14 **Si**
SILICON
28.085
[28.084, 28.086]

32 **Ge**
GERMANIUM
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TIN
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LEAD
207.2

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5 **B**
BORON
10.811
[10.806, 10.827]

13 **Al**
ALUMINIUM
26.982

31 **Ga**
GALLIUM
69.723

49 **In**
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THALLIUM
204.38
[204.38, 204.39]

113 **Nh**
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9 **F**
FLUORINE
18.998

17 **Cl**
CHLORINE
35.45
[35.446, 35.457]

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BROMINE
[79.901, 79.907]

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126.90

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[32.059, 32.076]

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RUTHERFORDIUM

BOROSIL[®]

BOROSIL LIMITED

CIN : L36100MH2010PLC292722

(was a wholly owned subsidiary of **Borosil Glass Works Limited**
and formerly known as Hopewell Tableware Limited)

1101, Crescenzo, G-Block, Opp. MCA Club,
Bandra Kurla Complex, Bandra (East),
Mumbai - 400 051. Maharashtra, India.

T +91 22 6740 6300 F +91 22 6740 6514

E borosil@borosil.com W www.borosil.com

MUMBAI

B-306, Kanakia Zillion,
L.B.S. Marg, Kurla (West)
Mumbai - 400 070

Tel : 022 6740 6400

Fax : 022 6740 6444

Email : mumbaisales@borosil.com

DELHI

1213 Vijaya Building
17 Barakhamba Road
New Delhi 110001

Tel : 011 41505893

Email : delhi@borosil.com

CHENNAI

New No. 20 (Old No. 9)
1st Floor, Bragadammal Road,
Nungambakkam,
Chennai - 600 034.

Tel : 044 2822 6012 / 13

Fax : 044 2822 6014

Email : chennai@borosil.com

KOLKATA

Dabriwala House, 4th Floor,
10 C Middleton Row,
Kolkata - 700 071.

Tel : 033 2229 9166

Fax : 033 2226 2045

Email : calcutta@borosil.com