



2023-2024

PRICE LIST



WELCOME TO STAR LABS

With immense pleasure we welcome you to our 2023-24 edition of STAR LABS catalogue. It takes great pleasure to share that our range has been really liked for its best and consistent quality along with economical pricing. This year we have started a new facility specializing in OEM order handling which gives us an edge over others in quick and swift processing of orders at the same time delivering consistent quality. Addition of more warehouse space for both finished goods and semi finished goods has helped to minimize the delivery time.

Our facility which is already producing labware according to ASTM, DIN, EN ISO has been more equipped with latest technology machinery to keep producing the best in class Glassware, new machines have been added to upscale the production and cater to the ever increasing demand in the global market.

Our post purchase service and grievance handling process has been well appreciated and immensely applauded over past years. Delivery highest quality labware is one dimension of our business but at the same time any issue if at all which arises has been keenly sorted out and we aggressively work in the direction to maintain highest standards of service for pre and post purchase.

At STAR LABS we have strived hard to identify the gaps in the market space and the requirements of research fraternity. Biotechnologists at the heart of operations have ensured the requirements being fulfilled with right product with right quality and most importantly at the right cost. With the same Zeal we wish to continue the same forever.

We are an ISO certified company our high quality products and in-house stringent testing methods have helped us earn a huge clientele all over the world. Our dedicated research & development department strive to work hard to maintain our brand and continuously upgrade ourselves to provide best in industry solutions to clients.

Any products which falls outside the range of catalogue can be inquired for separately and we will do our best in providing the same, we can also be contacted for customized glassware.

Industry Outlook

LABORATORY GLASSWARE MANUFACTURING

THEINDUSTRYOUTLOOK.COM

APRIL, 2023



PRAG ARORA
FOUNDER & MANAGING PARTNER

STAR LABS

ENSURING COST-EFFECTIVE & HIGH-
PERFORMANCE SOLUTIONS SUITED
TO CUSTOMER NEEDS



Industry Outlook TOP 10
**LABORATORY GLASSWARE
MANUFACTURERS - 2023**

STAR LABS

**ENSURING COST-EFFECTIVE & HIGH-
PERFORMANCE SOLUTIONS SUITED
TO CUSTOMER NEEDS**

A study of markets predicts that the size of the worldwide laboratory glassware market which is a \$1000 billion dollar worth is expected to increase at a CAGR of 3.7 percent. Due to the product-driven nature of the laboratory glassware market, there is a sizable market opportunity for players to introduce new and cutting-edge goods to expand their product lines and meet consumer demand. Using this market opportunity, Star Labs is creating and producing cutting-edge, reliable application tools with exceptional performance to improve the customer service efficiency and values of customer operations.

Star Labs, an ISO 9001:2015 accredited company launched in 2015 and currently has its own manufacturing facility in India and China, aspires to be the top supplier of laboratory instrumentation and equipment solutions. "Being a Manufacturer, Importer, and Supplier, we excel in the sector and effectively export Scientific Laboratory Instruments to countries from all parts of the world. At Star Labs, we strive to meet each client's needs and preferences while never compromising on quality standards for any order, no matter how big or small. Our goal is to provide the whole spectrum of laboratory glass goods under one roof, making us the most customer-focused firm in India and a one-stop shop for the needs of the international industry", says Prag Arora, Managing Partner and Founder of Star Labs. Star Labs began as a tiny production unit, but since its founding, it has grown significantly, surpassing even some of its former clients. Currently, the company is serving prominent national colleges and research institutes in India and exporting to Kenya, Uganda, Pakistan, Tanzania, Rwanda, and the several parts of North and South America.

Star Lab's History

Since 2015 STAR LABS started exporting from its domestic plant and with the rapid success in international export market has moved to a bigger facility of 45,000 sq. ft. with around 90 employees in the Ambala factory and having a manufacturing unit of glass tubing in Dongguan - China and has also incorporated office in Delaware-USA.

Star Lab's Vision

Being close to our customers has been helping us to understand their needs and produce the right solution in the shortest amount of time and also we do also produce customised glassware according to our client's needs. For our Chemical and filter paper range we have BIOCHEM® under our tree.

STAR LABS

Certificates

Quality Policy

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

Quality Management System

Star Labs believes in delivering world class quality to all its clients globally and is recognized in International market for a quality brand. The Quality Management System at Star Labs is ISO9001:2015 Certified by Intertek accredited to UKAS. Star Labs Maintains Quality System manual for all its business processes and at all manufacturing and post manufacturing levels, quality system is strictly adhered to people supervising work affecting quality at Star Labs, are trained internal auditors and carry out internal audits in routine practice.



Certificates

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Global Impact

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This is to Certify that

STAR LABS

Ambala Office : 5455, Science Market, Ambala Cantt - 133 001 (Haryana)
Mumbai Office : 302, Yashwant Gaurav, Nalasupra West, Mumbai-401 203

has been assessed by GI and found to comply with the requirements of

ISO 13485 : 2016

Medical Device - Quality Management System

For The Following Scope:

Manufacturing, Marketing & Export of : Scientific & Laboratory Equipments, Surgical Apparatus and Instruments, Triple Layer Face Mask, Medical & Ophthalmic Goods, Teaching Learning Materials (TLM), Educational & Training Aid for Schools, Colleges, Vocational & Professional Institutes, Engineering Colleges, Polytechnics & Nursing Colleges, Microscope, Mathematics Kits, Science Kits, Educational Kits & NCERT Kits, PPE Kit Comprising of Safety Goggles, Head Cap, Gown Overall, Shoe Covers, Non Woven 3 Ply Face Mask Disposable & Reusable, N95 Mask, PPE (Personal Protective Equipment Kit) for Corona Virus and Hand Sanitizer, Microscopes, Glass Equipments, Pharmacy Equipments & Dental Equipments.

Certificate No.	: Q-GI-1001-0392
Date of Issue	: 02-05-2020
Date of Expiry	: 01-05-2023
Recertification on or before	: 01-05-2023





Director (Certification)



International Operations : eschenheimer Landstr. 42, 60322 Frankfurt am Main, Frankfurt, Germany.
E-mail : info@globalimpact.com

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This is to Certify that the Management System of

STAR LABS

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Mumbai Office : 302, Yashwant Gaurav, Nalasupra West, Mumbai-401 203

Has been assessed by GI and found to comply with the requirements of

ISO 14001 : 2015

Environmental Management System

For The Following Scope:

Manufacturing, Marketing & Export of : Scientific & Laboratory Equipments, Surgical Apparatus and Instruments, Triple Layer Face Mask, Medical & Ophthalmic Goods, Teaching Learning Materials (TLM), Educational & Training Aid for Schools, Colleges, Vocational & Professional Institutes, Engineering Colleges, Polytechnics & Nursing Colleges, Microscope, Mathematics Kits, Science Kits, Educational Kits & NCERT Kits, PPE Kit Comprising of Safety Goggles, Head Cap, Gown Overall, Shoe Covers, Non Woven 3 Ply Face Mask Disposable & Reusable, N95 Mask, PPE (Personal Protective Equipment Kit) for Corona Virus and Hand Sanitizer, Microscopes, Glass Equipments, Pharmacy Equipments & Dental Equipments.

Certificate No.	: EM-GI-1001-0393
Date of Issue	: 02-05-2020
Date of Expiry	: 01-05-2023
Recertification on or before	: 01-05-2023





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This is to Certify that the technical documentation for the product :

Manufacturing, Marketing & Export of : Scientific & Laboratory Equipments, Surgical Apparatus and Instruments, Triple Layer Face Mask, Medical & Ophthalmic Goods, Teaching Learning Materials (TLM), Educational & Training Aid for Schools, Colleges, Vocational & Professional Institutes, Engineering Colleges, Polytechnics & Nursing Colleges, Microscope, Mathematics Kits, Science Kits, Educational Kits & NCERT Kits, PPE Kit Comprising of Safety Goggles, Head Cap, Gown Overall, Shoe Covers, Non Woven 3 Ply Face Mask Disposable & Reusable, N95 Mask, PPE (Personal Protective Equipment Kit) for Corona Virus and Hand Sanitizer, Microscopes, Glass Equipments, Pharmacy Equipments & Dental Equipments.

Manufactured by :

STAR LABS

Ambala Office : 5455, Science Market, Ambala Cantt - 133 001 (Haryana)
Mumbai Office : 302, Yashwant Gaurav, Nalasupra West, Mumbai-401 203

Complies with the applicable requirements of the Instruments Directive 2004/22/EC

The technical documentation / inspection / test results comply with the requirements of **Medical Device Directive (MDD)**, hence manufacturer's declaration of conformity according to above directive is accepted. **Star Labs** can place the CE marking as per laid down regulations on the products mentioned as above.

Certificate No.	: C-GI-1001-0390
Date of Issue	: 02-05-2020
Date of Expiry	: 01-05-2023
Recertification on or before	: 01-05-2023





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STAR LABS

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Mumbai Office : 302, Yashwant Gaurav, Nalasupra West, Mumbai-401 203

has been assessed by GI and found to comply with the requirements of

ISO 9001 : 2015

Quality Management System

For The Following Scope:

Manufacturing, Marketing & Export of : Scientific & Laboratory Equipments, Surgical Apparatus and Instruments, Triple Layer Face Mask, Medical & Ophthalmic Goods, Teaching Learning Materials (TLM), Educational & Training Aid for Schools, Colleges, Vocational & Professional Institutes, Engineering Colleges, Polytechnics & Nursing Colleges, Microscope, Mathematics Kits, Science Kits, Educational Kits & NCERT Kits, PPE Kit Comprising of Safety Goggles, Head Cap, Gown Overall, Shoe Covers, Non Woven 3 Ply Face Mask Disposable & Reusable, N95 Mask, PPE (Personal Protective Equipment Kit) for Corona Virus and Hand Sanitizer, Microscopes, Glass Equipments, Pharmacy Equipments & Dental Equipments.

Certificate No.	: Q-GI-1001-0391
Date of Issue	: 02-05-2020
Date of Expiry	: 01-05-2023
Recertification on or before	: 01-05-2023





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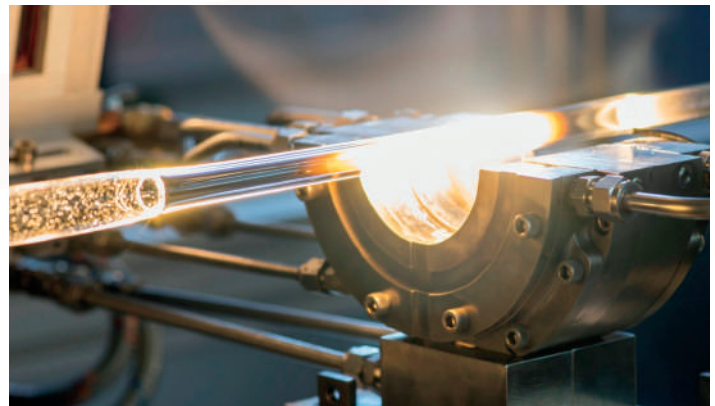
About Us

Our Manufacturing Facility

STAR LABS manufacturing facility employs state of art manufacturing machines to create glass with world class quality. STAR LABS employs more than 35 glass blowers to make a wide product range as required by our vast customer base globally.

Our capacity enables us to produce and ship over 15 containers per month. Our complete range of products which encompasses from interchangeable range to Volumetric ware and filtration glassware to general glassware range are produced Inhouse using Automatic and semi-automatic machines.

Annealing Process is an integral part of the manufacturing process and carefully each and every product produced undergo annealing process to create stress free and strong glassware.



Calibration Facility

We are committed to produce highly accurate Labware with an in-house ISO 4787:2015 accredited laboratory, well equipped with the latest equipments for calibration under well controlled environment.

STAR LABS Calibration Laboratory has undertaken accreditation for its system for calibration and Testing as per ISO 4787:2015 , which means the calibration provided to customers for volumetric ware is acceptable in calibration laboratories worldwide.

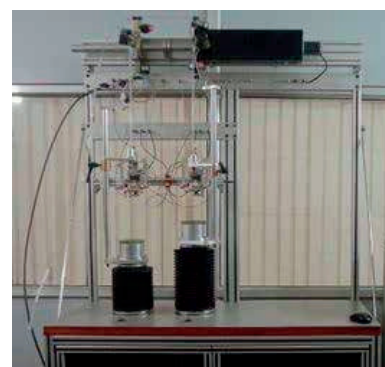
Results of calibration are guaranteed for precision as per DIN, ISO AND USP standards, The German calibration machines ensures the highest level precision.

During the calibration process on the Automated german machines:

- The blanks are filled precisely with defined amount of triple distilled water under fixed temperature.
- Lowest meniscus point is determined by laser controlled sensors and a fine diamond wheel automatically marks the calibration.
- Cylinders, burettes and pipettes are marked for minimum two point calibration lines.
- The wet surface area factor is always taken into account throughout the process..

All calibration laboratories at STAR LABS are strictly controlled and done under highly controlled environment maintain right temperature ,pressure and humidity. This temperature is very important for the accuracy so if the environmental temperature is different , calibration machines have to be adjusted accordingly.

All volumetric glassware is calibrated either as "To contain" "TC, In" or "To deliver" "TD, Ex".



STAR LABS Automatic
Volumetric Calibration
Machine

About Us

Our Quality Assurance Process

Raw Material

Right raw material as per our prefixed quality standards are procured from our china office. Starlabs makes all its Products from tubing of ASTM E-438 TYPE I, CLASS A BORO 3.3 GLASS.

Production

The automated and semi automated machines are used to produce the products as per the technical drawings made according to international standards.

Dimensional Confirmation Checks

Dimensional checks are performed by the QC departments for their adherence to the defined standards.

Glass Optical Checks for Stress & Scatches

Each piece produced is checked for the stresses which might cause the cracking of the glasses and also for scratches which might happen while handling at each step for producing glass quality.

Glass Thickness and Strength

Every single piece produced is essentially checked for the wall thickness to determine the strength and ensure adherence to standards set as per DIN/ASTM/ISO.

Joint Testing

The Joints are tested for their fitness as per their taper of cones and sockets to ensure highest level fitness and ensure no leaks. Vaccum tests are performed subsequent to the fitness checks to ensure absolutely no leaks.

Post Printing Checks

The Glassware is checked for the print quality at two stages first before putting in the furnance and after taking out of furnance, this ensure no product with defective print reaches the market.

Pre & Post Purchase Service

We ensure that ease of doing business with Star Labs should be first motivation for each client and hence ensure top class service when it comes to smooth communication, query handling and greivence redressel approach.

About Us

Delivery Policy

We believe in clear commitments for delivery and maintain heavy stocks for all the products to fulfill our orders well on time with shortest lead times. Our warehousing capacity which is increasing with each year has capacity to hold both finished goods and semifinished goods (for OEM) to ensure shortest lead time for both Star Labs brand and OEM customers. In rare cases where the fulfillment is not possible with the in-house stocks we commit clear timelines for delivery and religiously adhere to the same.



Packaging

We use packing material of high grade so as to ensure minimum breakage of material while transportation at the same time ensuring presentation of the product is world class. We use german packing standards and collaborate with leading packaging company for specialized solutions for the same.



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ADAPTERS



Adapters

Adapter, Reduction

- Used for connecting non similar joint size.
- Top outer joint is smaller and the lower joint is bigger.
- ASTM E-676 standards are available upon request.



Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.120	14/23	19/26	10	260	3.18
SL.I.121	14/23	24/29	10	318	3.88
SL.I.122	14/23	29/32	10	301	3.68
SL.I.123	19/26	24/29	10	318	3.88
SL.I.124	19/26	29/32	10	387	4.73
SL.I.125	19/26	34/35	10	495	6.05
SL.I.126	19/26	40/38	10	459	5.61
SL.I.127	19/26	45/40	10	496	6.06
SL.I.128	19/26	55/44	10	701	8.56
SL.I.129	24/29	29/32	10	387	4.73
SL.I.130	24/29	34/35	10	495	6.05
SL.I.131	24/29	40/38	10	453	5.53
SL.I.132	24/29	45/40	10	520	6.35
SL.I.133	24/29	50/42	10	584	7.13
SL.I.134	24/29	55/44	10	704	8.60
SL.I.135	29/32	34/35	10	500	6.11
SL.I.136	29/32	40/38	10	559	6.83
SL.I.137	29/32	45/40	10	540	6.60
SL.I.138	34/35	40/38	10	759	9.27
SL.I.139	34/35	45/40	10	821	10.03
SL.I.140	34/35	50/42	10	995	12.15

Adapter, Expansion

- Used for connecting non similar joints sizes.
- Top outer joint is larger and the lower joint is smaller.
- Made as per DIN 12257
- ASTM E-676 standards are available upon request.



Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.141	19/26	14/23	10	260	3.18
SL.I.142	24/29	14/23	10	318	3.88
SL.I.143	24/29	19/26	10	318	3.88
SL.I.144	29/32	19/26	10	337	4.12
SL.I.145	29/32	24/29	10	387	4.73
SL.I.146	34/35	19/26	10	495	6.05
SL.I.147	34/35	24/29	10	495	6.05
SL.I.148	34/35	29/32	10	495	6.05
SL.I.149	40/38	24/29	10	486	5.94
SL.I.150	45/40	29/32	10	617	7.54

Adapters

Adapters, Multiple

- Complies as per DIN 12594.
- With two Parallel Neck with sockets & one cone at the bottom.

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.151	14/23	14/23	10	269	3.29
SL.I.152	14/23	19/26	10	281	3.44
SL.I.153	19/26	19/26	10	294	3.60
SL.I.154	19/26	24/29	10	328	4.02
SL.I.155	24/29	24/29	10	358	4.38
SL.I.156	19/26	34/35	10	416	5.09
SL.I.157	29/32	29/32	10	470	5.75



Adapters, Multiple

- Two Neck one Vertical & One at 45°

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.158	14/23	14/23	10	281	3.44
SL.I.159	14/23	19/26	10	281	3.44
SL.I.160	19/26	19/26	10	294	3.60
SL.I.161	19/26	24/29	10	300	3.67
SL.I.162	24/29	24/29	10	320	3.92
SL.I.163	19/26	34/35	10	515	6.30
SL.I.164	29/32	29/32	10	302	3.70



Adapters



BORO
3.3
GLASS

Chemical
Resistant

ONE
CONE

THREE
SOCKET

Adapters, Multiple

- Multiple Adapter Three Neck two parallel & One at 45°

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.166	19/26	19/26	10	403	4.94
SL.I.167	19/26	24/29	10	431	5.28
SL.I.168	19/26	29/32	10	500	6.12
SL.I.169	24/29	24/29	10	657	8.05
SL.I.170	29/32	29/32	10	729	8.93
SL.I.171	24/29	34/35	10	897	10.99



BORO
3.3
GLASS

Chemical
Resistant

ONE
CONE

ONE
SOCKET

Adapter Swan Neck

- With screw thread for a thermometer or to have a rubber hose.

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.248	14/23	19/26	1	351	4.30
SL.I.249	19/26	19/26	1	366	4.48
SL.I.250	19/26	24/29	1	351	4.30
SL.I.251	24/29	24/29	1	366	4.48
SL.I.252	29/32	29/32	1	335	4.10

Adapters

Adapter, Receiver Delivery

- With Short Stem

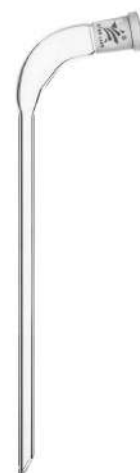
Item Code	Socket	Approx Length mm	Pack	INR/Pc	USD/PC
SL.I.173	14/23	65	10	162	1.98
SL.I.174	19/26	65	10	191	2.33
SL.I.175	24/29	65	10	220	2.69
SL.I.176	29/32	65	10	276	3.37



Adapter, Receiver Delivery

- With Long Stem

Item Code	Socket	Approx Length mm	Pack	INR/Pc	USD/PC
SL.I.177	14/23	190	10	255	3.12
SL.I.178	19/26	200	10	255	3.12
SL.I.179	24/29	200	10	294	3.59
SL.I.180	29/32	200	10	358	4.38



Adapters



Adapters, Tubing Straight

- Straight

Item Code	Socket	Pack	INR/Pc	USD/PC
SL.I.181	14/23	10	162	1.98
SL.I.182	19/26	10	191	2.33
SL.I.183	24/29	10	220	2.69
SL.I.184	29/32	10	276	3.37



ADAPTERS, Tubing Straight

- Straight
- With hooks

Item Code	Socket	Pack	INR/Pc	USD/PC
SL.TS.181	14/23	10	160	1.96
SL.TS.182	19/26	10	180	2.20
SL.TS.183	24/29	10	200	2.44
SL.TS.184	29/32	10	250	3.06

Adapters

Adapters, Receiver Bend with Vent

- Also available with Drip tip
- Wide side arm to provide vent
- Avoids the problem of closed system

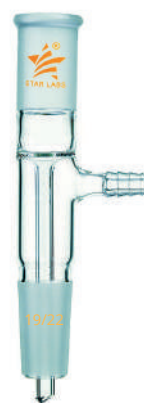


Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.222	14/23	14/23	1	230	2.81
SL.I.223	19/26	19/26	1	265	3.24
SL.I.224	19/26	24/29	1	314	3.84
SL.I.225	24/29	24/29	1	343	4.19
SL.I.226	29/32	29/32	1	500	6.11

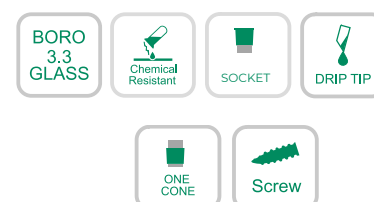


Adapters, Receiver, Vacuum Straight

- Adapter Straight with Vacuum Connection and screw thread
- Also available with drip tip
- Delivery system within cone



Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.193	14/23	14/23	1	235	2.87
SL.I.194	14/23	19/26	1	245	2.99
SL.I.195	19/26	19/26	1	290	3.54
SL.I.196	19/26	24/29	1	320	3.91
SL.I.197	24/29	24/29	1	350	4.28
SL.I.198	24/29	29/32	1	398	4.86
SL.I.199	29/32	29/32	1	696	8.51



Adapters

Adapters, Receiver, Vacuum, Angled

- Bend with Vacuum Connection and screw thread



BORO
3.3
GLASS

Chemical
Resistant

SOCKET

DRIP TIP

ONE
CONE

Screw

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.186	14/23	14/23	1	200	2.44
SL.I.187	14/23	19/26	1	210	2.57
SL.I.188	19/26	19/26	1	270	3.30
SL.I.189	19/26	24/29	1	300	3.67
SL.I.190	24/29	24/29	1	300	3.67
SL.I.191	24/29	29/32	1	400	4.89
SL.I.192	29/32	29/32	1	500	6.11

Adapters

Adapter Receiver With Multiple connection

- With side arm for connection to a vacuum supply.
- Cow type design distribution adapter with three receivers 40 degrees apart
- With 135 degree angle between the receiver tubes and the centre of the condenser
- Used with short path style distilling heads
- Glass hose connection for vacuum and three receiver with cones.

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.AM.284	14/23	14/23	1	700	8.56
SL.AM.285	14/23	19/26	1	712	8.70
SL.AM.286	19/26	19/26	1	800	9.78
SL.AM.287	24/29	24/29	1	1800	22.00



Adapters

Adapter, Receiver Plain Bend

- Without Vent
- Used as a simple path provider between the flask and the distillation condensers.



Item Code	Socket	Cone	Pack	INR	USD/PC
SL.I.201	14/23	14/23	1	223	2.73
SL.I.202	14/23	19/26	1	232	2.84
SL.I.203	19/26	19/26	1	273	3.34
SL.I.204	19/26	24/29	1	302	3.69
SL.I.205	24/29	24/29	1	331	4.05
SL.I.206	29/32	24/29	1	401	4.90

Adapter Recovery Bend

- With Sloping End
- With drip tip



Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.212	14/23	14/23	1	191	2.33
SL.I.213	24/29	14/23	1	265	3.24
SL.I.214	19/26	19/26	1	265	3.24
SL.I.215	24/29	19/26	1	274	3.35
SL.I.216	29/32	19/26	1	358	4.38
SL.I.217	29/32	29/32	1	389	4.75
SL.I.218	24/29	24/29	1	274	3.35
SL.I.219	34/35	24/29	1	426	5.21
SL.I.220	29/32	24/29	1	399	4.88
SL.I.221	34/35	34/35	1	480	5.87

Adapters

Adapter Recovery Bend Vertical

- Used in distillation assembly

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.227	14/23	14/23	1	279	3.41
SL.I.228	19/26	19/26	1	343	4.19
SL.I.229	24/29	19/26	1	351	4.29
SL.I.230	24/29	24/29	1	436	5.33
SL.I.231	29/32	29/32	1	573	7.00



BORO
3.3
GLASS

Chemical
Resistant

TWO
CONE

Adapter Still Head Plain

- With Thermometer socket
- With drip Tip
- Used as connection between distillation assembly and condenser.

Item Code	Socket	Cone	Cone size to fit condensor	Pack	INR/Pc	USD/PC
SL.I.232	14/23	14/23	14/23	1	377	4.61
SL.I.233	14/23	19/26	19/26	1	421	5.15
SL.I.234	14/23	24/29	19/26	1	480	5.87
SL.I.235	14/23	29/32	19/26	1	529	6.47
SL.I.236	14/23	34/35	19/26	1	612	7.48
SL.I.237	14/23	24/29	24/29	1	471	5.76
SL.I.238	14/23	34/35	24/29	1	715	8.74
SL.I.239	14/23	29/32	24/29	1	514	6.28
SL.I.240	14/23	29/32	29/32	1	764	9.34
SL.I.241	14/23	34/35	29/32	1	701	8.57



BORO
3.3
GLASS

Chemical
Resistant

ONE
SOCKET

DRIP
TIP

TWO
CONE

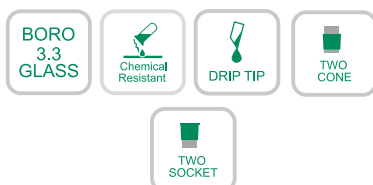
Adapters

Adapter, Claisen Heads

• Sloping with 2X B14 Socket.



Item Code	Socket	Cone	Cone size to fit condensor	Pack	INR/Pc	USD/PC
SL.I.242	14/23	14/23	14/23	1	470	5.74
SL.I.243	14/23	19/26	19/26	1	519	6.34
SL.I.244	14/23	19/26	19/26	1	549	6.71
SL.I.245	14/23	24/29	24/29	1	569	6.95
SL.I.246	14/23	29/32	29/32	1	642	7.85
SL.I.247	14/23	24/29	24/29	1	682	8.34

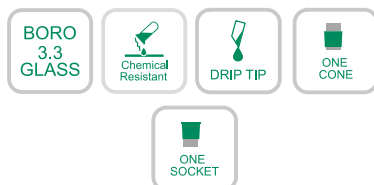


Adapter, Splash Head Straight

- Pear shaped
- With drip tip
- Used to stop movement of raw liquid between flask and condenser.



Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.255	19/26	19/26	1	400	4.89
SL.I.256	24/29	19/26	1	400	4.89
SL.I.257	24/29	24/29	1	400	4.89
SL.I.258	29/32	29/32	1	400	4.89
SL.I.259	34/35	24/29	1	735	8.98



Adapters

Adapter Splash Head Vertical Pear Shape Sloping

- Pear shaped
- With drip tip

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.I.260	14/23	14/23	1	480	5.87
SL.I.261	19/26	19/26	1	500	6.11
SL.I.262	24/29	19/26	1	529	6.47
SL.I.263	24/29	24/29	1	573	7.00
SL.I.264	29/32	29/32	1	593	7.25



Adapter Socket Glass Stopcock

Item Code	Socket	BORE	KEY	Pack	INR/Pc	USD/PC
SL.SG.290	14/23	3	Glass Stopper	1	400	4.89
SL.SG.291	19/26	3	Glass Stopper	1	400	4.89
SL.SG.292	24/29	3	Glass Stopper	1	400	4.89
SL.SG.293	29/32	3	Glass Stopper	1	517	6.32



Adapters



Adapter Cone with Glass Stopper / PTFE

- Available in Teflon and Glass Stopcock

Item Code	Socket	BORE	KEY	Pack	INR/Pc	USD/PC
SL.CG.290	14/23	3	GLASS STOPPER	1	400	4.89
SL.CG.291	19/26	3	GLASS STOPPER	1	400	4.89
SL.CG.292	24/29	3	GLASS STOPPER	1	400	4.89
SL.CG.293	29/32	3	GLASS STOPPER	1	517	6.32
SL.CP.294	14/23	3	PTFE	1	450	5.50
SL.CP.295	19/26	3	PTFE	1	468	5.72
SL.CP.296	24/29	3	PTFE	1	488	5.96
SL.CP.297	29/32	3	PTFE	1	617	7.54



Thermometer Pocket

- For incorporating thermometers into jointed-ware
- assemblies Best fit for most still heads.

Item Code	Cone	Length mm	Pack	INR/Pc	USD/PC
SL.I.279	14/23	45	10	189	2.31
SL.I.280	19/26	45	10	224	2.74
SL.I.281	24/29	45	10	255	3.12



Adapters

Air Leak Tube/ Gas Inlet Tube

- Tubes come with most accurate dimensions
- Well tested as per parameters set
- Durable and High Quality tubes.

Item Code	Socket	Pack	INR/Pc	USD/PC
SL.I.282	14/23	10	174	2.13
SL.I.283	19/26	10	195	2.38
SL.I.284	24/29	10	217	2.65
SL.I.285	29/32	10	316	3.86



Drying Tube 75 DEG

These tubes are used to connect to reaction vessel for the purpose of keeping free of moisture.

It is used to house a disposable solid desiccant.

Item Code	Cone	Pack	INR/Pc	USD/PC
SL.I.509	14/23	10	169	2.07
SL.I.510	19/26	10	200	2.44
SL.I.511	24/29	10	224	2.74
SL.I.512	29/32	10	287	3.51



Adapters



Drying Tube Straight

- These tubes are used to connect to reaction vessel for the purpose of keeping free of moisture

Item Code	Cone	Pack	INR/Pc	USD/PC
SL.IS.509	14/23	10	169	2.07
SL.IS.510	19/26	10	200	2.44
SL.IS.511	24/29	10	224	2.74
SL.IS.512	29/32	10	287	3.51



Adapter cone screw thread

- Used for gas inner tube or securing thermometer

Item Code	Cone	Pack	INR/Pc	USD/PC
SL.AC.766	14/23	6	234	2.86
SL.AC.767	19/26	6	240	2.93
SL.AC.768	24/29	6	280	3.42
SL.AC.769	29/32	6	376	4.60



Adapters

Adapter Vacuum, Inlet, Inner Joint ,90 Deg

- A cone and a Hose connection on side.

Item Code	Cone	Pack	INR/Pc	USD/PC
SL.IJ.987	14/20	1	234	2.86
SL.IJ.988	19/22	1	240	2.93
SL.IJ.989	24/29	1	280	3.42
SL.IJ.990	29/42	1	376	4.60
SL.IJ.991	35/20	1	455	5.56



Adapters, Flash Chromatography Reservoirs

- As per ASTM E -438, Type 1, Class A, Borosilicate 3.3

Item Code	Capacity	Socket	Cone	Pack	INR/Pc	USD/PC
SL.FC.294	250	29/40	24/29	1	650	7.94



Adapters



Adapters, Distilling Receiver, Cow type

- With 1 socket and 4 cone
- With Drip Tip
- Flask available in 100 ml and 250 ml

Item Code	Socket	Cone	Pack	INR/Pc	USD/PC
SL.DM.287	14/20	14/20	1	700	8.56
SL.DM.288	14/20	14/20	1	720	8.80
SL.DM.289	19/22	19/22	1	800	9.78
SL.DM.290	24/29	24/29	1	1600	19.56



Rotary Evaporator, Bump, Anti Splash

- Used with rotary evaporators
- Prevents mixing of content of flask into condenser
- Bump traps provide more volume from reaction which have tendency to foam.

Item Code	Capacity	Socket	Cone	Pack	INR/Pc	USD/PC
SL.RE.290	150	29/32	19/26	1	640	7.82
SL.RE.291	150	29/32	24/29	1	660	8.07
SL.RE.292	150	29/32	29/32	1	680	8.31
SL.RE.292A	250	29/32	19/26	1	760	9.29
SL.RE.292B	500	29/32	24/29	1	1050	12.83

Adapters

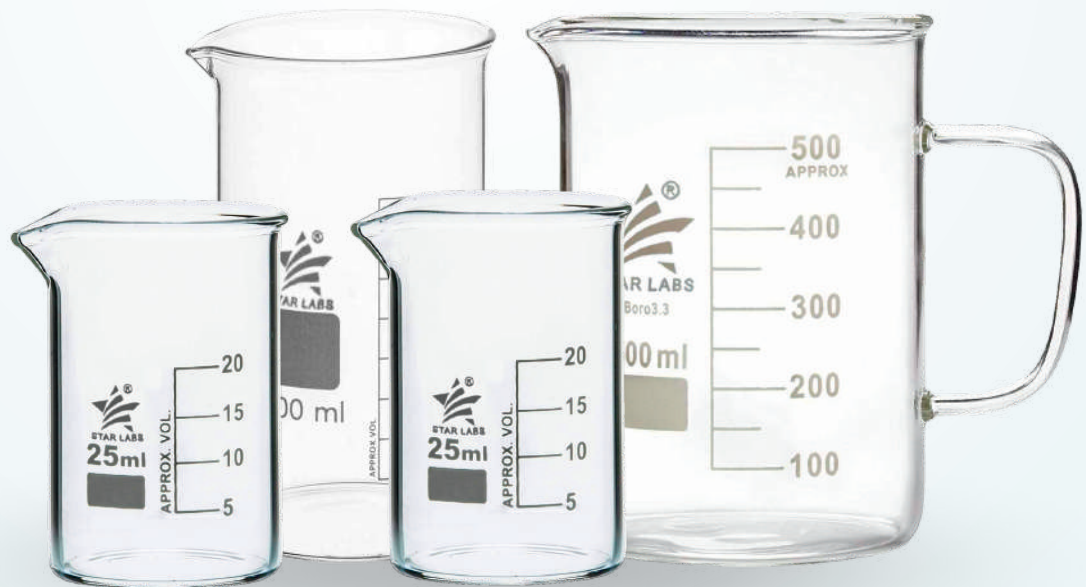
Rotary Evaporator, Bump, Anti Climb

- Used with rotary evaporator
- Useful for liquids that make foam

Item Code	Capacity	Socket	Cone	Pack	INR/Pc	USD/PC
SL.REA.293	150	29/32	19/26	1	640	7.82
SL.REA.294	150	29/32	24/29	1	660	8.07
SL.REA.295	150	29/32	29/32	1	680	8.31
SL.REA.296	250	29/32	19/26	1	760	9.29
SL.REA.297	500	29/32	24/29	1	1050	12.83



BEAKERS



Beakers

Beakers, Low Form with Spout, DIN/ISO

- Complies with DIN 12331 & ISO 3819
- The Spout design enables precise and clean pouring
- Large labeling field for easy marking
- Uniform wall thickness & ideal for heating liquids
- Clear metric Graduation for convenience
- Highly resistant to chemical attack



Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	INR/Pc	USD/PC
SL.1000.01	5	22	30	10	30	0.37
SL.1000.02	10	26	35	10	33	0.40
SL.1000.03	25	34	50	10	45	0.55
SL.1000.04	50	42	58	10	50	0.61
SL.1000.05	100	50	70	10	60	0.73
SL.1000.06	150	60	88	10	61	0.74
SL.1000.07	250	70	95	10	70	0.85
SL.1000.08	400	80	110	10	90	1.10
SL.1000.09	500	83	118	8	100	1.22
SL.1000.10	600	90	125	8	148	1.81
SL.1000.11	800	100	135	6	230	2.81
SL.1000.12	1000	105	157	6	265	3.23
SL.1000.13	2000	132	185	4	463	5.65
SL.1000.14	3000	152	210	1	1207	14.75
SL.1000.15	5000	170	270	1	1784	21.80
SL.1000.16	10000	220	350	1	5563	67.99

Beaker with spout Low form with Handle

- The Spout design enables precise and clean pouring
- Large labeling field for easy marking
- Uniform wall thickness & ideal for heating liquids
- Clear metric Graduation for convenience
- Highly resistant to chemical attack



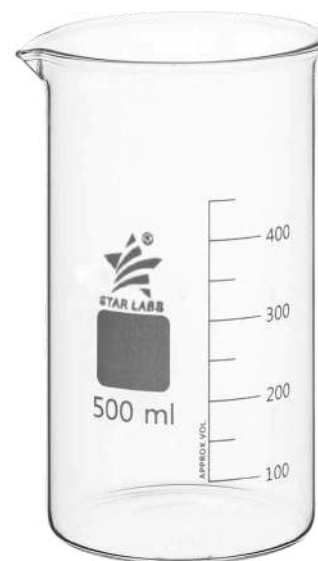
Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	INR/Pc	USD/PC
SL.1000.17	250ML	70	95	6	360	4.40
SL.1000.18	500 ML	90	125	6	450	5.50
SL.1000.19	1000 ML	105	157	6	1100	13.44

Beakers

Beakers, Tall form with Spout DIN/ISO

- Designed with pouring spout
- Clear Graduation for easy reading convenience
- Clear metric Graduation for convenience
- Uniform wall thickness
- Large labeling field for easy marking
- Ideal for heating liquids
- Highly resistant to chemical attack

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	INR/Pc	USD/PC
SL.1001.01	50	38	70	10	114	1.39
SL.1001.02	100	48	80	10	114	1.39
SL.1001.03	150	54	95	10	124	1.52
SL.1001.04	250	60	120	10	120	1.47
SL.1001.05	400	70	130	10	150	1.83
SL.1001.06	500	75	142	8	159	1.94
SL.1001.07	600	80	150	8	210	2.57
SL.1001.08	1000	90	192	6	327	4.00



Bottles



Bottles



Bottles, Reagent Clear Screw Neck DIN/ISO

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

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	INR/Pc	USD/PC
SL.1105.01	25	36	70	10	236	2.88
SL.1105.02	50	46	87	10	245	2.99
SL.1105.03	100	56	100	10	269	3.29
SL.1105.04	250	70	138	10	300	3.67
SL.1105.05	500	86	176	10	326	3.98
SL.1105.06	1000	101	225	10	509	6.22
SL.1105.07	2000	136	260	10	922	11.27
SL.1105.08	5000	181	330	1	5089	62.20
SL.1105.09	10000	227	410	1	11713	143.16
SL.1105.10	20000	288	505	1	15976	195.26



Bottles, Reagent Amber Screw Cap DIN/ISO

- Clear scale Graduation & large marking area
- Autoclavable PE screw cap and pouring ring
- The uniform Amber colour is highly durable and chemical resistance
- These complete bottles are autoclavable & can be sterilized
- Specially designed PE Pouring rings for drip-free operations
- These bottles are highly mechanically durable and chemical resistance
- These bottles are ideal for long term storage of light sensitive media & substance



Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	INR/Pc	USD/PC
SL.1106.01	25	36	70	10	390	4.77
SL.1106.02	50	46	87	10	450	5.50
SL.1106.03	100	56	100	10	470	5.74
SL.1106.04	250	70	138	10	485	5.93
SL.1106.05	500	86	176	10	490	5.99
SL.1106.06	1000	101	225	10	756	9.24
SL.1106.07	2000	136	260	10	1426	17.43
SL.1106.08	5000	181	330	1	5381	65.77
SL.1106.09	10000	227	410	1	9161	111.97
SL.1106.10	20000	288	505	1	17505	213.95

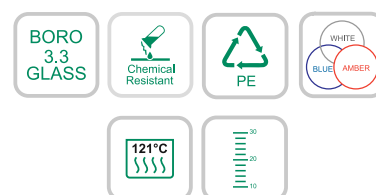


Bottles

Bottles, Reagent Clear Narrow Neck with Head Stopper

- Large marking area
- These complete bottles are mechanically strong and chemical resistant
- Sturdy ground neck
PE Stopper also available.

Item Code	Capacity (ml)	N/S	Pack of	INR/Pc	USD/PC
SL.1106.11	30	14/23	10	286	3.50
SL.1106.12	50	14/23	10	295	3.61
SL.1106.13	100	14/23	10	300	3.67
SL.1106.14	125	19/26	10	284	3.47
SL.1106.15	250	19/26	10	300	3.67
SL.1106.16	500	24/29	10	335	4.09
SL.1106.17	1000	29/32	10	552	6.75
SL.1106.18	2000	29/32	10	1027	12.55



Bottles, Reagent Amber Narrow Neck with Head Stopper

- Sturdy ground neck
- Large marking area
- These complete bottles are mechanically strong and chemical resistant
- The uniform Amber colour is highly durable and chemical resistance
- These bottles are ideal for long term storage of light sensitive media & substance
- PE Stopper also available.

Item Code	Capacity (ml)	N/S	Pack of	INR/Pc	USD/PC
SL.1104.01	30	14/23	10	295	3.61
SL.1104.02	50	14/23	10	333	4.07
SL.1104.03	100	14/23	10	355	4.34
SL.1104.04	125	19/26	10	398	4.86
SL.1104.05	250	19/26	10	480	5.87
SL.1104.06	500	24/29	10	580	7.09
SL.1104.07	1000	29/32	10	765	9.35
SL.1104.08	2000	29/32	10	1680	20.53



Bottles

Bottles, Weighing

- Complies ASTM – 438, TYPE-1, Boro 3.3 glass
- These bottles are chemically resistant & mechanically strong Tall Form



Item Code	O.D. x Ht. (mm)	Form	Pack of	Capacity (ml)	INR/Pc	USD/PC
SL.1100.01	20X40MM	TALL FORM	10	5 ML	241	2.95
SL.1100.02	25X50MM	TALL FORM	10	15 ML	251	3.07
SL.1100.03	15X50MM	TALL FORM	10	7 ML	251	3.07
SL.1100.04	25X60MM	TALL FORM	10	15 ML	251	3.07
SL.1100.05	30X60MM	TALL FORM	10	25 ML	314	3.84
SL.1100.06	30X65MM	TALL FORM	10	30ML	314	3.84
SL.1100.07	40X80MM	TALL FORM	10	60 ML	482	5.89
SL.1100.08	40X90MM	TALL FORM	10	60 ML	482	5.89

Bottles, Weighing

- Complies ASTM – 438, TYPE-1, Boro 3.3 glass
- These bottles are chemically resistant & mechanically strong Short Form



Item Code	O.D. x Ht. (mm)	Form	Pack of	Capacity (ml)	INR/Pc	USD/PC
SL.1100.10	60X40MM	SQUAT TYPE	10	40 ML	482	5.89
SL.1100.11	40X30MM	SQUAT TYPE	10	20 ML	384	4.69
SL.1100.12	50X25MM	SQUAT TYPE	10	20 ML	541	6.61
SL.1100.13	50x35 MM	SQUAT TYPE	10	35 ML	541	6.61
SL.1100.14	50X50MM	SQUAT TYPE	10	50 ML	655	8.01
SL.1100.15	60X30MM	SQUAT TYPE	10	40 ML	763	9.33

Bottles

Bottles, Clear Dropping

- Complies ISO Type 1 Boro 3.3
- Made From chemical Resistant glass
- These bottles comes with interchangeable ground joint with dropper and rubber teat.

Item Code	Capacity (ml)	Pack of	INR/Pc	USD/PC
SL.1101.01	30	10	245	2.99
SL.1101.02	60	10	334	4.08
SL.1101.03	120	10	353	4.31
SL.1101.04	125	10	353	4.31
SL.1101.05	250	10	484	5.92



Bottles, Amber, Dropping

- Complies ISO Type 1 Boro 3.3
- Made From chemical Resistant glass
- These bottles come with interchangeable ground joint with dropper and rubber teat.

Item Code	Capacity (ml)	Pack of	INR/Pc	USD/PC
SL.1102.01	30	10	403	4.93
SL.1102.02	60	10	535	6.54
SL.1102.03	120	10	568	6.94
SL.1102.04	125	10	568	6.94
SL.1102.05	250	10	770	9.41



Bottles



Heads for Gas Bottles

- With interchangeable joints.

Item	Capacity (ml)	Joint size	Pack of	INR/Pc	USD/PC
SL.1112.01	100	29/32	1	300	3.67
SL.1112.02	125	29/32	1	350	4.28
SL.1112.03	250	29/32	1	400	4.89
SL.1112.04	500	29/32	1	415	5.07

Pycnometers to Gay – Lussac, Calibrated Class-A

- With Individual Work Certificate
- With Teflon stopper



Item Code	Capacity (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1110.01	10	1	2	853	10.43
SL.1110.02	25	2	2	1009	12.33
SL.1110.03	50	3	2	1066	13.03
SL.1110.04	100	3	2	1113	13.60



Bottles

Pycnometers to Gay – Lussac, Class-B

- Without Work Certificate
- With Teflon stopper

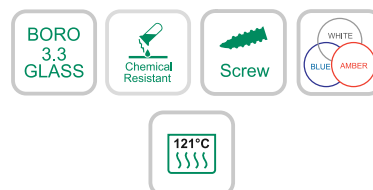
Item Code	Capacity (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.B110.01	10	1	2	405	4.95
SL.B110.02	25	2	2	445	5.44
SL.B110.03	50	3	2	477	5.83
SL.B110.04	100	3	2	517	6.32



Bottle Aspirator with GL 45 Cap

- Made From Heat Resistant Boro 3.3 Glass
- These bottles comes with autoclavable PP Screw caps & pouring rings
- Suitable to store aggressive media

Item Code	Capacity (ml)	Approx. *Height (mm)	O.D	Thread Specification	Pack of	INR/Pc	USD/PC
SL.1108.01	250	70 x 138		GL 45	1	304	3.72
SL.1108.02	500	86 x 176		GL 45	1	342	4.18
SL.1108.03	1000	101 x 225		GL 45	1	610	7.46
SL.1108.04	2000	136 x 260		GL 45	1	960	11.73
SL.1108.05	5000	181 x 323		GL 45	1	6500	79.44
SL.1108.06	10000	235 x 405		GL 45	1	9500	116.11
SL.1108.07	20000	296 x 500		GL 45	1	17894	218.70



Bottles



BOD With Interchangeable stopper

And ASTM E-438 Type 1 ,Class A

- With Large Marking area
- Calibrated upto 3 decimal points for accuracy

Item Code	Capacity (ml)	Approx. O.D *Height (mm)	Pack of	INR/Pc	USD/PC
SL.1109.01	60ML	42 x 100	10	330	4.03
SL.1109.02	125ML	55 x 120	10	410	5.01
SL.1109.03	300ML	70 x 143	10	400	4.89



McCartney Bottles

- Thick, Clear & Wide Mouth Glass Bottle
- Aluminum Screw Cap, Leak proof
- Made of Soda Glass (Rubber Liner (Grey Bromo butyl rubber)
- These Bottles along with the Cap and Rubber Liner can be Autoclaved easily.
- These bottles can be sterilized with the Medium present inside it.

Item Code	Capacity (ml)	Pack of	INR/Pc	USD/PC
SL.1114.01	7 ML	100	21	0.26
SL.1114.02	15 ML	100	21	0.26
SL.1114.03	20 ML	100	24	0.29
SL.1114.04	28 ML	100	24	0.29
SL.1114.05	30 ML	100	24	0.29



Bottles

Bottle, Gas Washing with Head for Gas Bottle

- Complies with IS 11990
- Complete interchangeable joints

Item	Capacity (ml)	Joint size	Pack of	INR/Pc	USD/PC
SL.1111.00	125	29/32	1	900	11.00
SL.1111.01	250	29/32	1	950	11.61
SL.1111.02	500	29/32	1	1100	13.44



Bottle, Gas Washing

- With interchangeable joints.

Item	Capacity (ml)	Joint size	Pack of	INR/Pc	USD/PC
SL.1113.00	125	29/32	1	700	8.56
SL.1113.01	250	29/32	1	820	10.02
SL.1113.02	500	29/32	1	1000	12.22



BURETTES



Burettes

Burettes with glass stopcock in Schellbach stripe, Class AS

- With individual Certificate
- Compliance with DIN ISO 385 and USP standard
- Printed in blue & Amber colour
- Schellbach stipe for accurate reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.28	10	0.05	0.03	1	1995	24.38
SL.1800.29	25	0.1	0.05	1	1995	24.38
SL.1800.30	50	0.1	0.05	1	2295	28.05
SL.1800.31	100	0.2	0.1	1	2295	28.05

Burettes with glass stopcock in Schellbach stripe, Class AS

- With batch Certificate
- Compliance with DIN ISO 385 and USP standard
- Printed in blue & Amber colour
- Schellbach stipe for accurate reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.L.1800.28	10	0.05	0.03	1	1600	19.56
SL.L.1800.29	25	0.1	0.05	1	1799	21.99
SL.L.1800.30	50	0.1	0.05	1	1900	23.22
SL.L.1800.31	100	0.2	0.1	1	1995	24.38



BORO
3.3
GLASS

Chemical
Resistant

GLASS

WHITE
BLUE AMBER

CLASS
AS

SHELLBACH
STRIPE

Burettes

Burettes with Glass Stopcock in Clear Glass Class AS

- With Individual work Certificate
- Compliance and USP standard
- Printed in blue, amber and white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.01	10	0.05	0.03	1	1300	15.89
SL.1800.02	25	0.1	0.05	1	1500	18.33
SL.1800.03	50	0.1	0.05	1	1800	22.00
SL.1800.04	100	0.2	0.1	1	2300	28.11



Burettes with Glass Stopcock in Clear Glass Class AS

- With Batch Certificate
- Compliance with USP standard
- Printed in blue, amber and white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.L.1800.01	10	0.05	0.03	1	1000	12.22
SL.L.1800.02	25	0.1	0.05	1	1300	15.89
SL.L.1800.03	50	0.1	0.05	1	1400	17.11
SL.L.1800.04	100	0.2	0.1	1	1900	23.22



Burettes



CLASS
B

Burettes with Glass Stopcock in Clear Glass Class B

- With Glass Stopcock
- Compliance with standard
- Printed in blue, amber and white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.05	10	0.05	0.05	1	614	7.50
SL.1800.06	25	0.1	0.1	1	602	7.36
SL.1800.07	50	0.1	0.1	1	640	7.82
SL.1800.08	100	0.2	0.2	1	877	10.72



CLASS
AS

SHELLBACH
STRIPE

Burettes with PTFE stopcock in Schellbach stripe, Class AS

- With individual Certificate
- Compliance with USP standard
- Printed in blue & Amber colour
- Schellbach stripe for accurate reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.32	10	0.05	0.03	1	2295	28.05
SL.1800.33	25	0.1	0.05	1	2295	28.05
SL.1800.34	50	0.1	0.05	1	2444	29.87
SL.1800.35	100	0.2	0.1	1	2444	29.87

Burettes

Burettes with PTFE stopcock in Schellbach stripe, Class AS

- With batch Certificate
- Compliance with USP standard
- Printed in blue & Amber colour
- Schellbach stripe for accurate reading

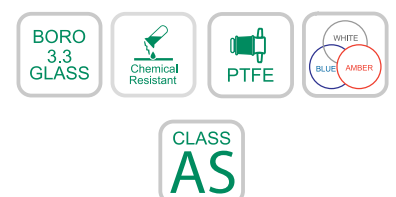
Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.L.1800.32	10	0.05	0.03	1	1800	22.00
SL.L.1800.33	25	0.1	0.05	1	1800	22.00
SL.L.1800.34	50	0.1	0.05	1	2000	24.44
SL.L.1800.35	100	0.2	0.1	1	2000	24.44



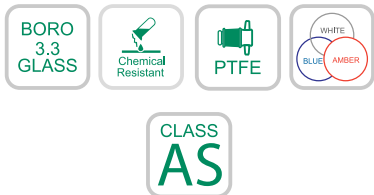
Burettes with PTFE Stopcock in Clear Glass Class AS

- With Individual work Certificate
- Compliance with USP standard
- Printed in blue, amber and white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.09	10	0.05	0.03	1	1478	18.06
SL.1800.10	25	0.1	0.05	1	1706	20.85
SL.1800.11	50	0.1	0.05	1	2050	25.05
SL.1800.12	100	0.2	0.1	1	2808	34.32



Burettes



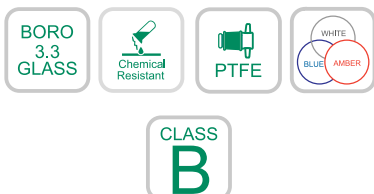
Burettes with PTFE Stopcock in Clear Glass Class AS

- With Batch work Certificate
- Compliance with USP standard
- Printed in blue, amber and white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.L.1800.09	10	0.05	0.03	1	1300	15.89
SL.L.1800.10	25	0.1	0.05	1	1500	18.33
SL.L.1800.11	50	0.1	0.05	1	1800	22.00
SL.L.1800.12	100	0.2	0.1	1	2400	29.33

Burettes Class B, with PTFE Stopcock

- Printed in blue, amber and white colour



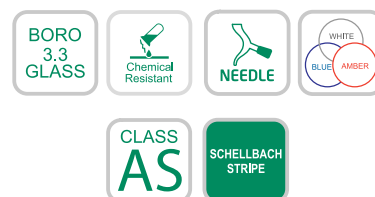
Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.L.1800.15	10	0.05	0.05	1	745	9.11
SL.L.1800.16	25	0.1	0.1	1	755	9.23
SL.L.1800.17	50	0.1	0.1	1	795	9.72

Burettes

Burettes with PTFE Needle in Schellbach stripe, Class AS

- With individual Certificate
- Compliance with USP standard
- Printed in blue & Amber colour
- Schellbach stipe for accurate reading

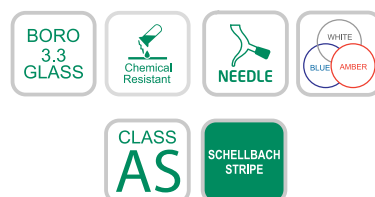
Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1801.01R	10	0.05	0.03	1	1058	12.93
SL.1801.02R	25	0.1	0.05	1	1191	14.56
SL.1801.03R	50	0.1	0.05	1	1985	24.26
SL.1801.04R	100	0.2	0.1	1	1985	24.26



Burettes with PTFE Needle in Schellbach stripe, Class AS

- With Batch Certificate
- Compliance with USP standard
- Printed in blue & Amber colour
- Schellbach stipe for accurate reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.L.1801.04R	10	0.05	0.03	1	1058	12.93
SL.L.1801.05R	25	0.1	0.05	1	1191	14.56
SL.L.1801.06R	50	0.1	0.05	1	1800	22.00
SL.L.1801.07R	100	0.2	0.1	1	1800	22.00



Burettes



CLASS
AS

Burettes with PTFE Needle in Clear Glass Class AS

- With Individual work Certificate
- Compliance with USP standard
- Printed in blue, amber and white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.20	10	0.05	0.03	1	1325	16.19
SL.1800.21	25	0.1	0.05	1	1575	19.25
SL.1800.22	50	0.1	0.05	1	1715	20.96
SL.1800.23	100	0.2	0.1	1	2090	25.54



CLASS
AS

Burettes with PTFE Needle in Clear Glass Class AS

- With Batch work Certificate
- Compliance with USP standard
- Printed in blue, amber and white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.L.1800.20	10	0.05	0.03	1	1200	14.67
SL.L.1800.21	25	0.1	0.05	1	1300	15.89
SL.L.1800.22	50	0.1	0.05	1	1500	18.33
SL.L.1800.23	100	0.2	0.1	1	1700	20.78

Burettes

AMBER Burettes with Glass Stopcock, Class AS

- With Individual work Certificate
- Compliance with DIN/ISO 385 and USP standard
- Printed in white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.36	10	0.05	0.03	1	2495	30.49
SL.1800.37	25	0.1	0.05	1	2495	30.49
SL.1800.38	50	0.1	0.05	1	2795	34.16
SL.1800.39	100	0.2	0.1	1	3095	37.83



AMBER Burettes with PTFE Stopcock, Class AS

- With Individual work Certificate
- Compliance with USP standard
- Printed in white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.40	10	0.05	0.03	1	2695	32.94
SL.1800.41	25	0.1	0.05	1	2695	32.94
SL.1800.42	50	0.1	0.05	1	2995	36.60
SL.1800.43	100	0.2	0.1	1	3295	40.27



AMBER Burettes with Screw Type Rotaflow Stopcock, Class AS

- With Individual work Certificate
- Compliance with USP standard
- Printed in white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.44	10	0.05	0.03	1	2495	30.49
SL.1800.45	25	0.1	0.05	1	2495	30.49
SL.1800.46	50	0.1	0.05	1	2795	34.16
SL.1800.47	100	0.2	0.1	1	3095	37.83



Burettes

AMBER Automatic Burettes Class AS PTFE Needle

- With individual Certificate
- With Intermediate PTFE Needle

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.48	10	0.05	0.03	1	13670	167.07
SL.1800.49	25	0.1	0.05	1	14645	178.99
SL.1800.50	50	0.1	0.05	1	16045	196.10
SL.1800.51	100	0.2	0.1	1	16780	205.08



AMBER Automatic Burettes Class AS Glass Stopcock

- With individual Certificate

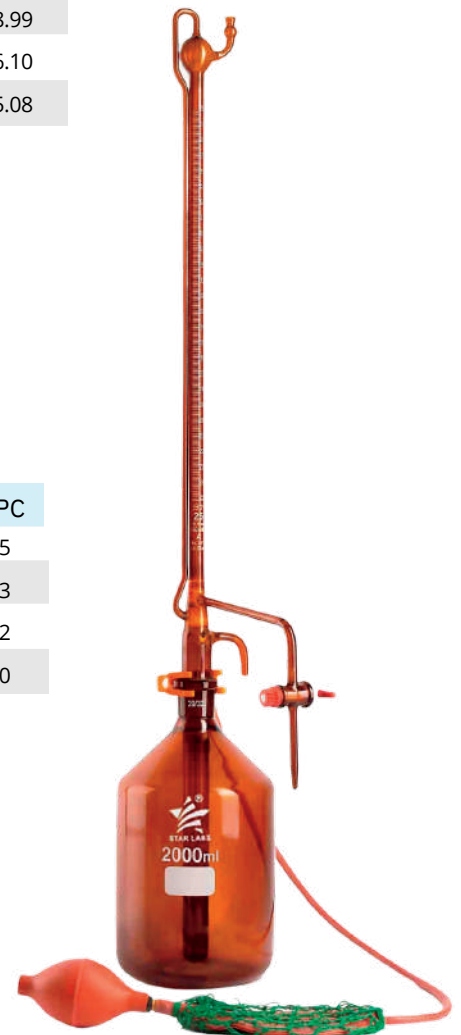
Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.56	10	0.05	0.03	1	13840	169.15
SL.1800.57	25	0.1	0.05	1	14665	179.23
SL.1800.58	50	0.1	0.05	1	16145	197.32
SL.1800.59	100	0.2	0.1	1	16675	203.80



AMBER Automatic Burettes Class AS PTFE Stopcock

- With individual Certificate

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.64	10	0.05	0.03	1	14495	177.16
SL.1800.65	25	0.1	0.05	1	15475	189.13
SL.1800.66	50	0.1	0.05	1	16945	207.10
SL.1800.67	100	0.2	0.1	1	17730	216.70



AMBER Automatic Burettes class B, PTFE Needle

- Made from Boro 3.3
- Compliance with DIN/ISO 385
- Printed in white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.52	10	0.05	0.05	1	9145	111.77
SL.1800.53	25	0.1	0.1	1	9245	112.99
SL.1800.54	50	0.1	0.1	1	9845	120.33
SL.1800.55	100	0.2	0.2	1	9945	121.55

AMBER Automatic Burettes class B, Glass Stopcock

- Made from Boro 3.3
- Compliance with DIN/ISO 385
- Printed in white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.56.B	10	0.05	0.05	1	9745	119.10
SL.1800.57.B	25	0.1	0.1	1	9885	120.81
SL.1800.58.B	50	0.1	0.1	1	10090	123.32
SL.1800.59.B	100	0.2	0.2	1	10575	129.25

AMBER Automatic Burettes Class B, PTFE Stopcock

- Made from Boro 3.3
- Compliance with DIN/ISO 385
- Printed in white colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.68	10	0.05	0.05	1	9945	121.55
SL.1800.69	25	0.1	0.1	1	9435	115.31
SL.1800.70	50	0.1	0.1	1	9675	118.25
SL.1800.71	100	0.2	0.2	1	9975	121.91



Burettes



Automatic Burettes Class B PTFE Needle

- With Intermediate PTFE Needle

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.180B.1	10	0.05	0.05	1	4025	49.19
SL.180B.2	25	0.1	0.1	1	3925	47.97
SL.180B.3	50	0.1	0.1	1	4300	52.55
SL.180B.4	100	0.2	0.2	1	4942	60.40



Automatic Burettes Class B Glass Stopcock

- With Intermediate Glass Stopcock

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.80	10	0.05	0.05	1	4125	50.42
SL.1800.81	25	0.1	0.1	1	4060	49.62
SL.1800.82	50	0.1	0.1	1	4395	53.72
SL.1800.83	100	0.2	0.2	1	5010	61.23



Automatic Burettes Class B, PTFE Stopcock

- With Intermediate PTFE Stopcock

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.88	10	0.05	0.05	1	4445	54.33
SL.1800.89	25	0.1	0.1	1	4345	53.10
SL.1800.90	50	0.1	0.1	1	4625	56.53
SL.1800.91	100	0.2	0.2	1	5375	65.69



Burettes

Automatic Burettes Class AS PTFE Needle

- With individual Certificate
- With Intermediate PTFE Needle

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.72	10	0.05	0.03	1	6213	75.93
SL.1800.73	25	0.1	0.05	1	6053	73.98
SL.1800.74	50	0.1	0.05	1	6720	82.13
SL.1800.75	100	0.2	0.1	1	7640	93.38



Automatic Burettes Class AS Glass Stopcock

- With individual Certificate

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.76	10	0.05	0.03	1	6430	78.59
SL.1800.77	25	0.1	0.05	1	6225	76.08
SL.1800.78	50	0.1	0.05	1	6965	85.13
SL.1800.79	100	0.2	0.1	1	7925	96.86



Automatic Burettes Class AS PTFE Stopcock

- With individual Certificate

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.84	10	0.05	0.03	1	6845	83.66
SL.1800.85	25	0.1	0.05	1	6695	81.83
SL.1800.86	50	0.1	0.05	1	7430	90.81
SL.1800.87	100	0.2	0.1	1	8490	103.76

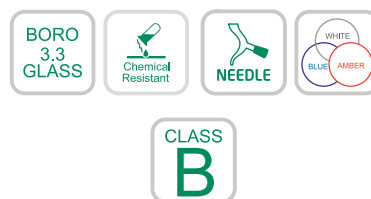


Burettes

Burettes with PTFE Needle in Clear Glass Class B

- Printed in blue, amber and white colour.

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1800.24	10	0.05	0.05	1	545	6.67
SL.1800.25	25	0.1	0.1	1	510	6.24
SL.1800.26	50	0.1	0.1	1	555	6.79



COLUMNS



Columns

Chromatography Columns with Reservoir

- Made of Boro 3.3
- Sintered frit Porosity 0
- PTFE Stopcock bore 0-2.5 mm

Item Code	SIZE	JOINT	Stopcock	Reservoir	INR/Pc	USD/PC
SL.CC.76	50 (13) X 8 (203) IN (MM)	24/29	TEFLON STOPCOCK	100 ML	1129	13.80
SL.CC.77	50 (13) X 12 (305) IN.(MM)	24/29	TEFLON STOPCOCK	100ML	1129	13.80
SL.CC.78	75 (19) X 8 (203) IN.(MM)	24/29	TEFLON STOPCOCK	250ML	1129	13.80
SL.CC.79	75 (19) X 12 (305) IN.(MM)	24/29	TEFLON STOPCOCK	250ML	1158	14.15
SL.CC.80	1.0 (25) X 8 (203) IN.(MM)	24/29	TEFLON STOPCOCK	250ML	1158	14.15
SL.CC.81	1.0 (25) X 12 (305) IN.(MM)	24/29	TEFLON STOPCOCK	251ML	1255	15.34
SL.CC.82	1.0 (25) X 18 (457) IN.(MM)	24/29	TEFLON STOPCOCK	500ML	1283	15.68
SL.CC.83	2.0 (50) X 18 (457) IN.(MM)	24/29	TEFLON STOPCOCK	1000ML	2161	26.41



Chromatography Column PTFE Stopcock

- Spherical Joint For Flash chromatography



Item Code	SIZE	JOINT	Stopcock	Attachement	INR/Pc	USD/PC
SL.CC.40	13X200MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	764	9.34
SL.CC.41	13 X 250MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	764	9.34
SL.CC.42	13 X 300MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	764	9.34
SL.CC.43	13 X 450MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	764	9.34
SL.CC.44	20 X 200MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	958	11.71
SL.CC.45	20 X 250MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	958	11.71
SL.CC.46	20 X 300MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	958	11.71
SL.CC.47	20 X 450MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1028	12.56
SL.CC.48	25 X 200MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1028	12.56
SL.CC.49	25 X 250MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1028	12.56
SL.CC.50	25 X 300MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1028	12.56
SL.CC.51	25 X 450MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1142	13.96
SL.CC.52	40 X 200MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1142	13.96
SL.CC.53	40 X 250MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1142	13.96
SL.CC.54	40 X 300MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1142	13.96
SL.CC.55	40 X 450MM	35/20	PTFE STOPCOCK	SPHERICAL JOINT	1268	15.50

Columns

Chromatography Column with Fritted Disk and Socket

- Made of Boro 3.3
- Sintered frit Porosity 0
- PTFE Stopcock bore 0-2.5 mm

Item Code	SIZE	JOINT	Stopcock	Attachement	INR/Pc	USD/PC
SL.CC.21	13 X200MM	24/29	PTFE STOPCOCK	FRITTED DISC	915	11.18
SL.CC.22	13 X 250MM	24/29	PTFE STOPCOCK	FRITTED DISC	915	11.18
SL.CC.23	13 X 300MM	24/29	PTFE STOPCOCK	FRITTED DISC	915	11.18
SL.CC.24	13 X 450MM	24/29	PTFE STOPCOCK	FRITTED DISC	915	11.18
SL.CC.25	20 X 200MM	24/29	PTFE STOPCOCK	FRITTED DISC	978	11.95
SL.CC.26	20 X 250MM	24/29	PTFE STOPCOCK	FRITTED DISC	978	11.95
SL.CC.27	20 X 300MM	24/29	PTFE STOPCOCK	FRITTED DISC	978	11.95
SL.CC.28	20 X 450MM	24/29	PTFE STOPCOCK	FRITTED DISC	1016	12.42
SL.CC.29	26 X 200MM	24/29	PTFE STOPCOCK	FRITTED DISC	1016	12.42
SL.CC.30	26 X 250MM	24/29	PTFE STOPCOCK	FRITTED DISC	1016	12.42
SL.CC.31	26 X 300MM	24/29	PTFE STOPCOCK	FRITTED DISC	1016	12.42
SL.CC.32	26X 450MM	24/29	PTFE STOPCOCK	FRITTED DISC	1280	15.64
SL.CC.33	40 X 250MM	24/29	PTFE STOPCOCK	FRITTED DISC	1280	15.64
SL.CC.34	40 X 300MM	24/29	PTFE STOPCOCK	FRITTED DISC	1280	15.64
SL.CC.35	40 X 450MM	24/29	PTFE STOPCOCK	FRITTED DISC	1280	15.64
SL.CC.36	50 X 250MM	24/29	PTFE STOPCOCK	FRITTED DISC	1520	18.58
SL.CC.37	50 X 300MM	24/29	PTFE STOPCOCK	FRITTED DISC	1520	18.58
SL.CC.38	50 X 450MM	24/29	PTFE STOPCOCK	FRITTED DISC	1520	18.58
SL.CC.39	50 X 600MM	24/29	PTFE STOPCOCK	FRITTED DISC	1520	18.58



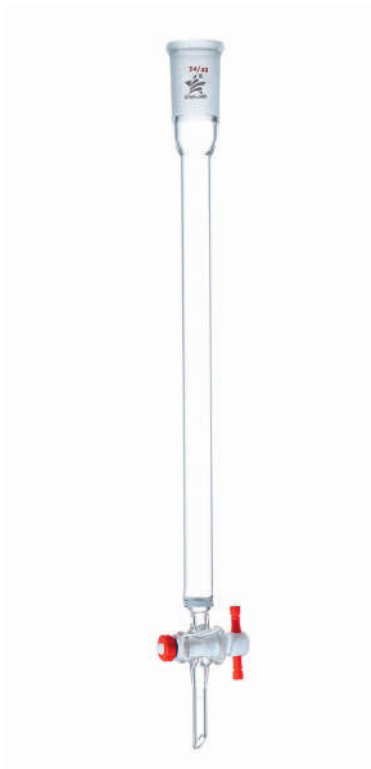
BORO
3.3
GLASS

Chemical
Resistant

PTFE

WHITE
BLUE AMBER

Columns



Chromatography Column, PTFE Stopcock, Reinforced top

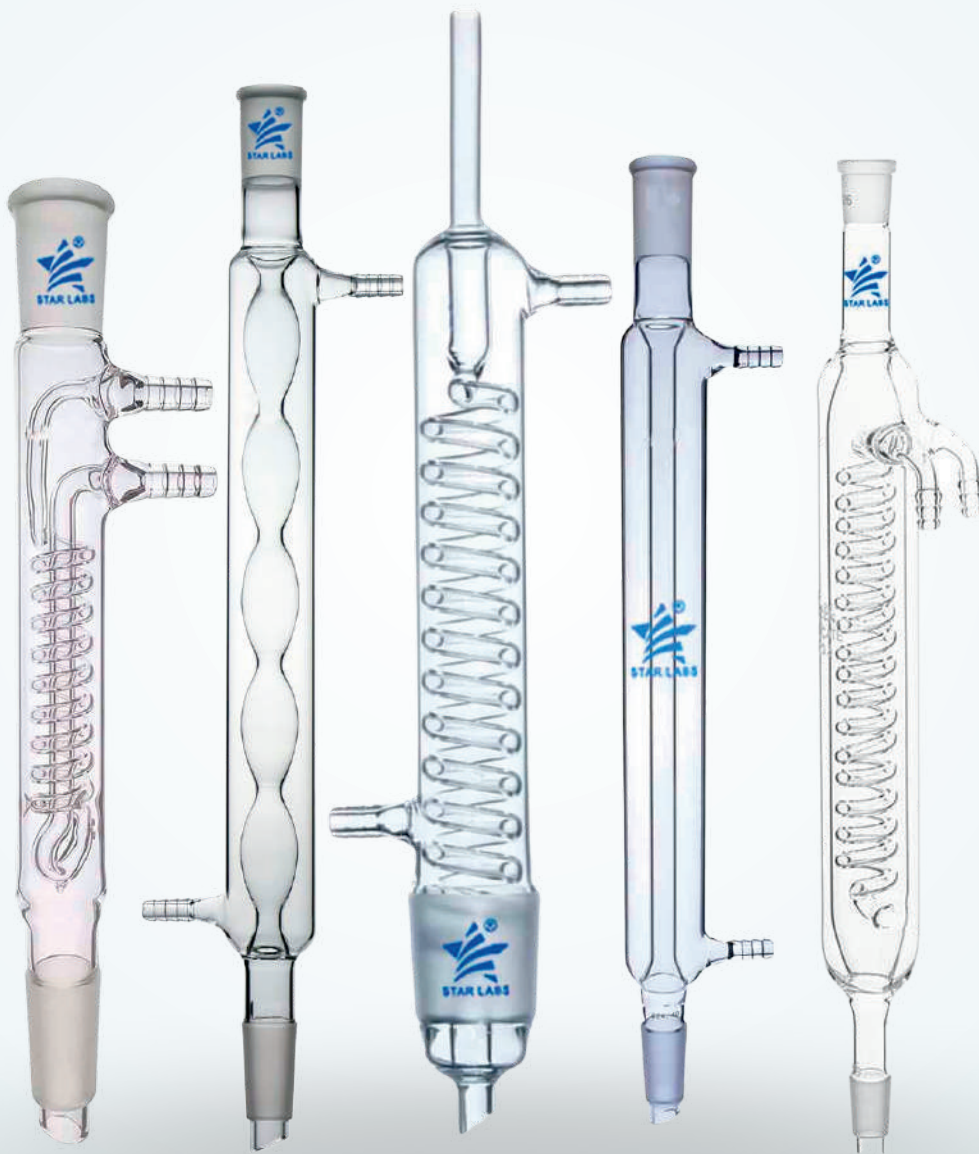
- With reinforced beaded top.
- All Columns are heavy walled.

Item Code	SIZE	JOINT	Stopcock	INR/Pc	USD/PC
SL.CC.56	13 X 200MM	24/29	PTFESTOPCOCK	638	7.80
SL.CC.57	13 X 250MM	24/29	PTFESTOPCOCK	663	8.10
SL.CC.58	13 X 300MM	24/29	PTFE STOPCOCK	670	8.19
SL.CC.59	13 X 450MM	24/29	PTFE STOPCOCK	764	9.34
SL.CC.60	20 X 200MM	24/29	PTFE STOPCOCK	789	9.64
SL.CC.61	20 X 250MM	24/29	PTFE STOPCOCK	796	9.73
SL.CC.62	20 X 300MM	24/29	PTFE STOPCOCK	796	9.73
SL.CC.63	20 X 450MM	24/29	PTFE STOPCOCK	852	10.41
SL.CC.64	25 X 200MM	24/29	PTFE STOPCOCK	814	9.95
SL.CC.65	25 X 250MM	24/29	PTFE STOPCOCK	818	10.00
SL.CC.66	25 X 300MM	24/29	PTFE STOPCOCK	820	10.02
SL.CC.67	25 X 450MM	24/29	PTFE STOPCOCK	827	10.11
SL.CC.68	40 X 200MM	24/29	PTFE STOPCOCK	1028	12.56
SL.CC.69	40 X 250MM	24/29	PTFE STOPCOCK	1053	12.87
SL.CC.70	40 X 300MM	24/29	PTFE STOPCOCK	1066	13.03
SL.CC.71	40 X 450MM	24/29	PTFE STOPCOCK	1072	13.10
SL.CC.72	50 X 250MM	24/29	PTFE STOPCOCK	1028	12.56
SL.CC.73	50 X 300MM	24/29	PTFE STOPCOCK	1053	12.87
SL.CC.74	50 X 450MM	24/29	PTFE STOPCOCK	1066	13.03
SL.CC.75	50 X 600MM	24/29	PTFE STOPCOCK	1072	13.10

BORO
3.3
GLASS



CONDENSERS



Condensers

Liebig Condenser

- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirement
- Liebig Condenser with Sealed inner tube
- AS per DIN 12576



Item Code	SIZE	JOINT	Stopcock	INR/Pc	USD/PC
SL.2300.21	120MM	14/20	GLASS Connector	499	6.10
SL.2300.22	150MM	24/40	GLASS Connector	499	6.10
SL.2300.23	160MM	14/23	GLASS Connector	434	5.30
SL.2300.24	160MM	19/26	GLASS Connector	434	5.30
SL.2300.25	200MM	24/29	GLASS Connector	325	3.97
SL.2300.26	250MM	19/26	GLASS Connector	469	5.73
SL.2300.27	250MM	24/29	GLASS Connector	469	5.73
SL.2300.28	250MM	29/32	GLASS Connector	469	5.73
SL.2300.29	300MM	19/26	GLASS Connector	542	6.62
SL.2300.30	300MM	24/29	GLASS Connector	399	4.88
SL.2300.31	300MM	29/32	GLASS Connector	652	7.97
SL.2300.32	300MM	24/29	GLASS Connector	652	7.97
SL.2300.33	400MM	24/29	GLASS Connector	446	5.45
SL.2300.34	400MM	29/32	GLASS Connector	726	8.87
SL.2300.35	500MM	24/29	GLASS Connector	1434	17.53
SL.2300.36	600MM	24/29	GLASS Connector	1562	19.09
SL.2300.37	120MM	14/20	GL 14	499	6.10
SL.2300.38	150MM	24/29	GL 14	499	6.10
SL.2300.39	160MM	14/23	GL 14	482	5.89
SL.2300.40	160MM	19/26	GL 14	482	5.89
SL.2300.41	200MM	24/29	GL 14	482	5.89
SL.2300.42	250MM	19/26	GL 14	516	6.31
SL.2300.43	250MM	24/29	GL 14	516	6.31
SL.2300.44	250MM	29/32	GL 14	516	6.31
SL.2300.45	300MM	19/26	GL 14	585	7.15
SL.2300.46	300MM	24/29	GL 14	585	7.15
SL.2300.47	300MM	29/32	GL 14	585	7.15
SL.2300.48	300MM	24/29	GL 14	585	7.15
SL.2300.49	400MM	24/29	GL 14	763	9.33
SL.2300.50	400MM	29/32	GL 14	763	9.33
SL.2300.51	500 MM	24/29	GL 14	1434	17.53

BORO
3.3
GLASS

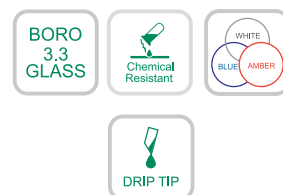
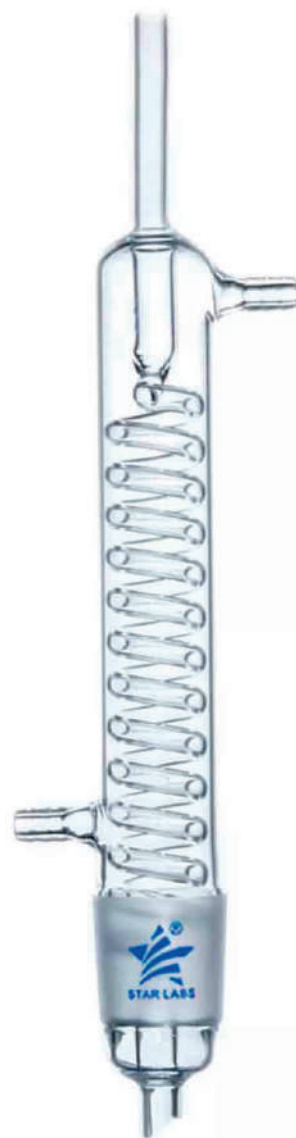


Condensers

Coil Condensor

- Manufactured with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- Available Glass connectors and with plastic screw thread connector
- Highly efficient with large cooling surface
- Suitable for Distillation & Reflux Applications

Item Code	SIZE	JOINT	Stopcock	INR/Pc	USD/PC
SL.2300.52	150 MM	14/23	GLASS Connector	636	7.77
SL.2300.53	150 MM	24/29	GLASS Connector	636	7.77
SL.2300.54	160 MM	14/23	GLASS Connector	636	7.77
SL.2300.55	160 MM	19/26	GLASS Connector	636	7.77
SL.2300.56	160 MM	24/29	GLASS Connector	636	7.77
SL.2300.57	200 MM	14/23	GLASS Connector	825	10.08
SL.2300.58	200 MM	24/29	GLASS Connector	825	10.08
SL.2300.59	250 MM	19/26	GLASS Connector	825	10.08
SL.2300.60	250 MM	24/29	GLASS Connector	825	10.08
SL.2300.61	250 MM	29/32	GLASS Connector	825	10.08
SL.2300.62	250 MM	24/29	GLASS Connector	825	10.08
SL.2300.63	300 MM	24/29	GLASS Connector	643	7.86
SL.2300.64	300 MM	29/32	GLASS Connector	1082	13.22
SL.2300.65	300 MM	24/29	GLASS Connector	1082	13.22
SL.2300.66	400 MM	29/32	GLASS Connector	1101	13.46
SL.2300.67	400 MM	24/29	GLASS Connector	1065	13.02
SL.2300.68	500 MM	24/29	GLASS Connector	887	10.84
SL.2300.69	150 MM	24/29	GL 14	716	8.75
SL.2300.70	160 MM	14/23	GL 14	716	8.75
SL.2300.71	160 MM	19/26	GL 14	716	8.75
SL.2300.72	200 MM	24/29	GL 14	716	8.75
SL.2300.73	250 MM	19/26	GL 14	859	10.50
SL.2300.74	250 MM	24/29	GL 14	859	10.50
SL.2300.75	250 MM	29/32	GL 14	859	10.50
SL.2300.76	250 MM	24/29	GL 14	859	10.50
SL.2300.77	300 MM	24/29	GL 14	1106	13.52
SL.2300.78	300 MM	29/32	GL 14	1106	13.52
SL.2300.79	300 MM	24/29	GL 14	1106	13.52
SL.2300.80	400 MM	29/32	GL 14	1106	13.52
SL.2300.81	400 MM	24/29	GL 14	1124	13.74
SL.2300.82	500 MM	24/29	GL 14	1124	13.74



Condensers

Condenser Reflux

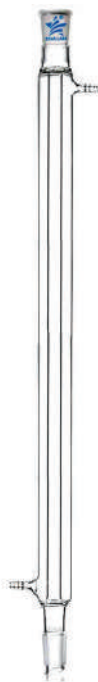
- Manufactured with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- Available Glass connectors and with plastic screw thread connector
- Tightly wrapped coil providing maximum cooling



Item Code	SIZE	JOINT	Stopcock	INR/Pc	USD/PC
SL.2301.83	100 MM	14/20	GLASS Connector	888	10.85
SL.2301.84	150 MM	14/23	GLASS Connector	888	10.85
SL.2301.85	150 MM	24/29	GLASS Connector	888	10.85
SL.2301.86	200 MM	24/29	GLASS Connector	888	10.85
SL.2301.87	250 MM	24/29	GLASS Connector	1012	12.37
SL.2301.88	300 MM	24/29	GLASS Connector	1012	12.37
SL.2301.89	400 MM	24/29	GLASS Connector	1060	12.96
SL.2301.90	150 MM	14/23	GL 14	1014	12.39
SL.2301.91	150 MM	24/29	GL 14	1014	12.39
SL.2301.92	200 MM	24/29	GL 14	1014	12.39
SL.2301.93	300 MM	24/29	GL 14	1343	16.41
SL.2301.94	400 MM	24/29	GL 14	1595	19.49

Condenser West

- Provides high cooling efficiency due to the increased flow rate
- Narrow annular space of the West design provides high cooling efficiency
- Manufactured with ASTM E-438, Type-1, Class A, Boro 3.3 Glass



Item Code	SIZE	JOINT	Stopcock	INR/Pc	USD/PC
SL.2304.86	100 MM	14/20	GLASS Connector	499	6.10
SL.2304.87	150 MM	14/23	GLASS Connector	499	6.10
SL.2304.88	150 MM	14/23	GLASS Connector	499	6.10
SL.2304.89	200 MM	14/23	GLASS Connector	499	6.10
SL.2304.90	200 MM	29/32	GLASS Connector	499	6.10
SL.2304.91	200 MM	19/26	GLASS Connector	499	6.10
SL.2304.92	200 MM	24/29	GLASS Connector	499	6.10
SL.2304.93	200 MM	24/40	GLASS Connector	499	6.10
SL.2304.94	300 MM	29/32	GLASS Connector	499	6.10
SL.2304.95	300 MM	24/29	GLASS Connector	776	9.48
SL.2304.96	400 MM	29/32	GLASS Connector	795	9.72
SL.2304.97	500 MM	29/32	GLASS Connector	895	10.94
SL.2304.98	600 MM	29/32	GLASS Connector	995	12.16

Condensers

Dimroth Condenser

- Manufactured from ASTM E-438, Type – 1, Class-A, Boro 3.3 Glass
- The condenser comes with plastic screw thread and glass connector

Item Code	SIZE	JOINT	Stopcock	INR/Pc	USD/PC
SL.2303.01	100 MM	14/23	GLASS Connector	810	9.90
SL.2303.02	150 MM	14/23	GLASS Connector	810	9.90
SL.2303.03	150 MM	24/40	GLASS Connector	810	9.90
SL.2303.04	160 MM	14/23	GLASS Connector	810	9.90
SL.2303.05	160 MM	19/26	GLASS Connector	810	9.90
SL.2303.06	250 MM	19/26	GLASS Connector	927	11.33
SL.2303.07	250 MM	24/29	GLASS Connector	927	11.33
SL.2303.08	250 MM	29/32	GLASS Connector	927	11.33
SL.2303.09	300 MM	24/29	GLASS Connector	1014	12.39
SL.2303.10	300 MM	29/32	GLASS Connector	1014	12.39
SL.2303.11	400 MM	29/32	GLASS Connector	1160	14.18
SL.2303.12	500 MM	24/40	GLASS Connector	1617	19.76
SL.2303.13	150 MM	14/23	GL 14	869	10.62
SL.2303.14	150 MM	24/40	GL 14	869	10.62
SL.2303.15	160 MM	14/23	GL 14	869	10.62
SL.2303.16	160 MM	19/26	GL 14	869	10.62
SL.2303.17	250 MM	19/26	GL 14	985	12.04
SL.2303.18	250 MM	24/29	GL 14	985	12.04
SL.2303.19	250 MM	29/32	GL 14	985	12.04
SL.2303.20	300 MM	24/29	GL 14	1072	13.10
SL.2303.21	300 MM	29/32	GL 14	1072	13.10
SL.2303.22	400 MM	29/32	GL 14	1218	14.89
SL.2303.23	500 MM	24/40	GL 14	1617	19.76



Davies Double Surface Condenser

- Manufactured from ASTM E-438, Type – 1, Class-A, Boro 3.3 Glass
- The condenser comes with glass connector

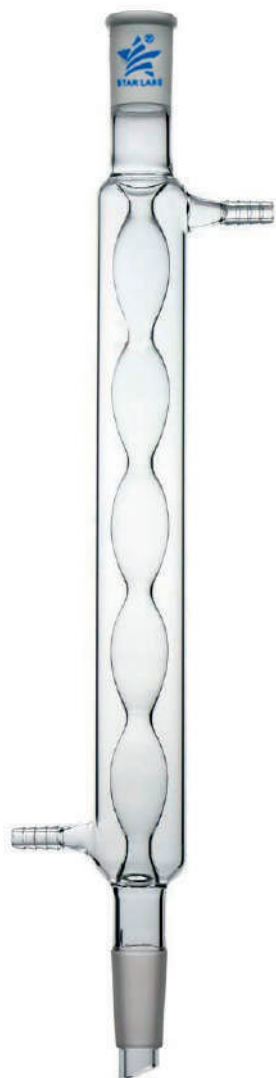
Item Code	SIZE	JOINT	INR/Pc	USD/PC
SL.2306.94	365 MM	29/32	2678	32.73
SL.2306.95	200 MM	19/26	1846	22.56
SL.2306.96	200 MM	24/29	1981	24.21
SL.2306.97	300 MM	19/26	2439	29.81
SL.2306.98	300 MM	24/29	2678	32.73



Condensers

Allihin Condenser

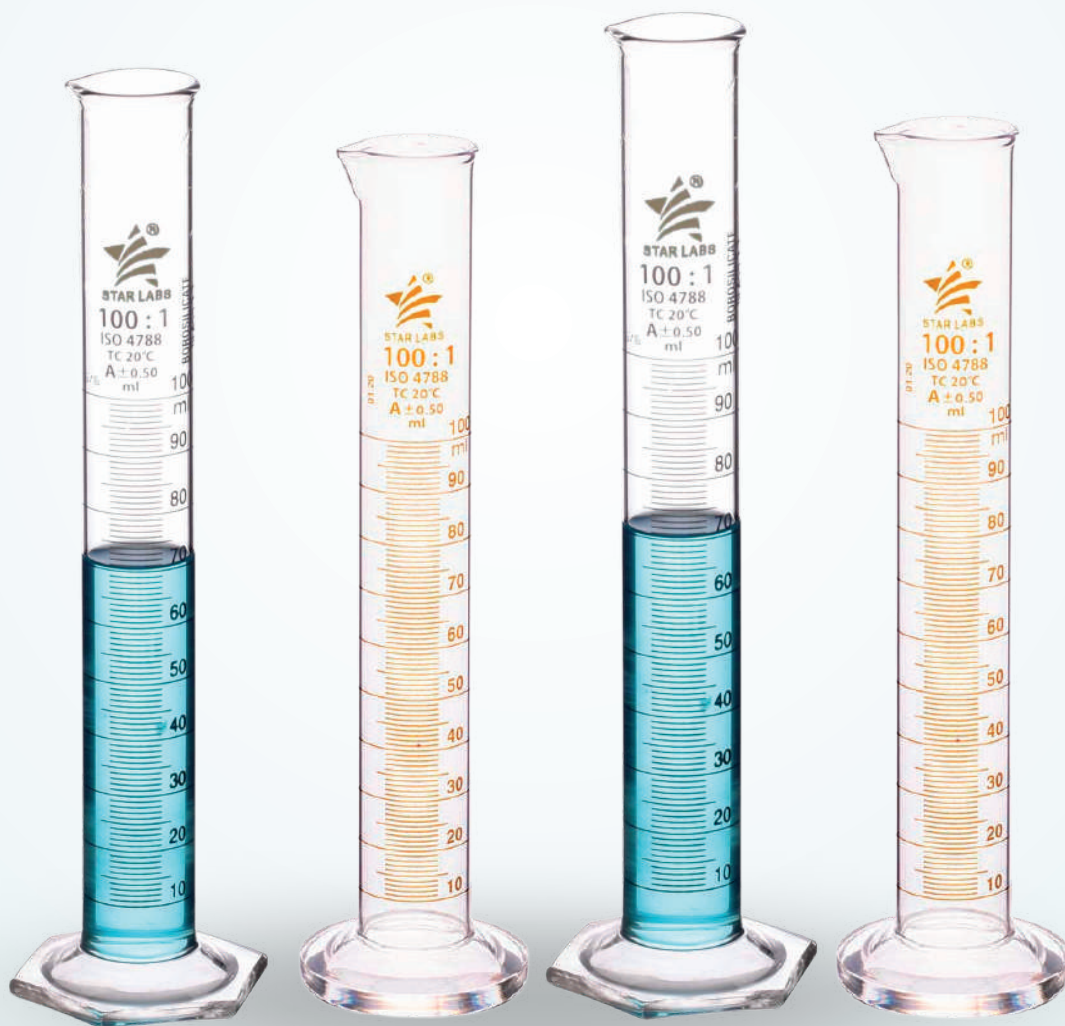
- Manufactured with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- Available with glass and plastic screw thread connector
- Inner bulb section provides increased cooling surface and is ideal for Reflux Applications



Item Code	SIZE	JOINT	Stopcock	INR/Pc	USD/PC
SL.2302.84	150 MM	24/29	GLASS Connector	425	5.19
SL.2302.85	160 MM	14/23	GLASS Connector	677	8.27
SL.2302.86	160 MM	19/26	GLASS Connector	677	8.27
SL.2302.87	250 MM	14/23	GLASS Connector	733	8.96
SL.2302.88	250 MM	19/26	GLASS Connector	733	8.96
SL.2302.89	250 MM	24/29	GLASS Connector	733	8.96
SL.2302.90	250 MM	24/29	GLASS Connector	733	8.96
SL.2302.91	300 MM	24/29	GLASS Connector	590	7.21
SL.2302.92	300 MM	24/40	GLASS Connector	590	7.21
SL.2302.93	300 MM	29/32	GLASS Connector	881	10.77
SL.2302.94	400 MM	24/29	GLASS Connector	669	8.18
SL.2302.95	400 MM	29/32	GLASS Connector	1009	12.33
SL.2302.96	400 MM	24/40	GLASS Connector	1009	12.33
SL.2302.97	500 MM	24/40	GLASS Connector	940	11.49
SL.2302.98	150 MM	24/40	GL 14	425	5.19
SL.2302.99	160 MM	14/23	GL 14	716	8.75
SL.2302.100	160 MM	19/26	GL 14	716	8.75
SL.2302.101	250 MM	14/23	GL 14	770	9.41
SL.2302.102	250 MM	19/26	GL 14	770	9.41
SL.2302.103	250 MM	24/29	GL 14	770	9.41
SL.2302.104	250 MM	24/40	GL 14	770	9.41
SL.2302.105	300 MM	24/29	GL 14	911	11.13
SL.2302.106	300 MM	24/40	GL 14	911	11.13
SL.2302.107	300 MM	29/32	GL 14	911	11.13
SL.2302.108	400 MM	24/29	GL 14	1035	12.65
SL.2302.109	400 MM	29/32	GL 14	1035	12.65
SL.2302.110	400 MM	24/40	GL 14	1035	12.65
SL.2302.111	500 MM	24/40	GL 14	1035	12.65



CYLINDERS



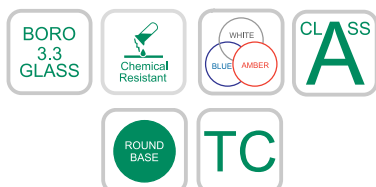
Cylinders



Measuring Cylinder with Round Base

- With conformity batch certificate
- "Eichordnung" (as per German weights and regulation standards), "H" mark signifies German regulation as DIN 12600 Calibration (TC, In)
- With round base
- Manufacture from Boro 3.3
- * Non DIN

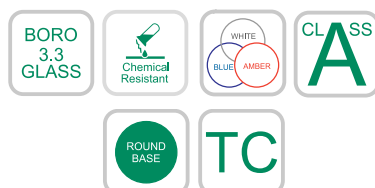
Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.R160	5	0.1	0.05	2	140	1.71
SL.R161	10	0.2	0.1	2	140	1.71
SL.R162	25	0.5	0.25	2	185	2.26
SL.R163	50	1	0.5	2	210	2.57
SL.R164	100	1	0.5	2	255	3.12
SL.R165	250	2	1	2	485	5.93
SL.R166	500	5	2.5	2	773	9.45
SL.R167	1000	10	5	1	1427	17.44
SL.R168	2000	20	10	1	2607	31.86



Measuring Cylinder with Round Base

- With conformity Individual certificate
- "Eichordnung" (as per German weights and regulation standards), "H" mark signifies German regulation as DIN 12600 Calibration (TC, In)
- With round base
- Manufacture from Boro 3.3
- Non DIN

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.R169	5	0.1	0.05	1	340	4.16
SL.R170	10	0.2	0.1	1	340	4.16
SL.R171	25	0.5	0.25	1	385	4.71
SL.R172	50	1	0.5	1	510	6.23
SL.R173	100	1	0.5	1	455	5.56
SL.R174	250	2	1	1	685	8.37
SL.R175	500	5	2.5	1	973	11.89
SL.R176	1000	10	5	1	1627	19.89
SL.R177	2000	20	10	1	2807	34.31



Cylinders

Measuring Cylinder Round Base with USP Grade

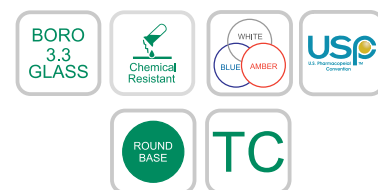
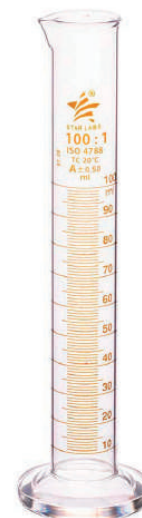
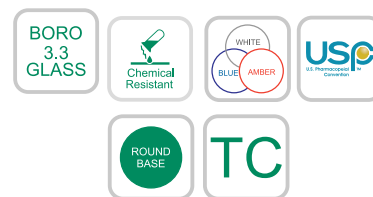
- Complies as per USP
- With batch certificate
- With round base
- Manufacture from Boro 3.3

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.U.161	5	0.1	0.05	2	140	1.71
SL.U.162	10	0.2	0.1	2	140	1.71
SL.U.163	25	0.5	0.15	2	185	2.26
SL.U.164	50	1	0.25	2	210	2.57
SL.U.165	100	1	0.5	2	255	3.12
SL.U.166	250	2	1	2	485	5.93
SL.U.167	500	5	1.5	2	773	9.45
SL.U.168	1000	10	3	1	1427	17.44
SL.U.169	2000	20	6	1	2607	31.86

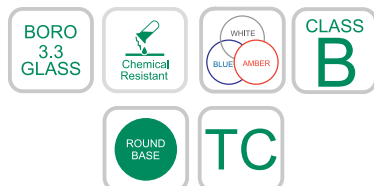
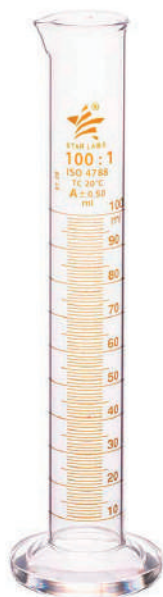
Measuring Cylinder Round Base with USP Grade

- Complies as per USP
- With individual certificate
- With round base
- Manufacture from Boro 3.3

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.U.170	5	0.1	0.05	1	340	4.16
SL.U.171	10	0.2	0.1	1	340	4.16
SL.U.172	25	0.5	0.15	1	385	4.71
SL.U.173	50	1	0.25	1	510	6.23
SL.U.174	100	1	0.5	1	455	5.56
SL.U.175	250	2	1	1	685	8.37
SL.U.176	500	5	1.5	1	973	11.89
SL.U.177	1000	10	3	1	1627	19.89
SL.U.178	2000	20	6	1	2807	34.31



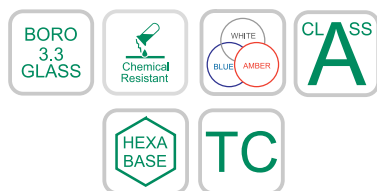
Cylinders



Measuring Cylinder Round Base, Class B

- Complies as per DIN EN ISO 4788
- "Eichordnung" (as per German weights and regulation standards), "H" mark signifies German regulation as DIN 12600 Calibration (TC, In)
- With round base
- Manufacture from Boro 3.3
- * Non DIN

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.CB.171	5	1	0.1	2	130	1.59
SL.CB.172	10	0.2	0.2	2	130	1.59
SL.CB.173	25	0.5	0.5	2	145	1.77
SL.CB.174	50	1	1	2	195	2.38
SL.CB.175	100	1	1	2	235	2.87
SL.CB.176	250	2	2	2	465	5.68
SL.CB.177	500	5	5	2	753	9.20
SL.CB.178	1000	10	10	1	1397	17.07
SL.CB.179	2000	20	20	1	2507	30.64



Measuring Cylinder with Hexagonal Base, Class-A, DIN/ISO

- Complies as per DIN EN ISO 4788
- With conformity batch certificate
- "Eichordnung" (as per German weights and regulation standards), "H" mark signifies German regulation as DIN 12600 Calibration (TC, In)
- With hexagonal base
- Manufacture from Boro 3.3
- * Non DIN

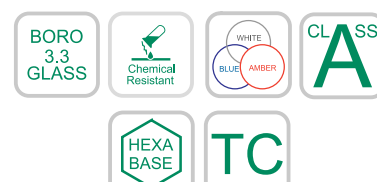
Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.H.160	5	0.1	0.05	2	365	4.46
SL.H.161	10	0.2	0.1	2	465	5.68
SL.H.162	25	0.5	0.25	2	540	6.60
SL.H.163	50	1	0.5	2	573	7.00
SL.H.164	100	1	0.5	2	684	8.36
SL.H.165	250	2	1	2	865	10.57
SL.H.166	500	5	2.5	2	1435	17.54
SL.H.167	1000	10	5	1	1875	22.92
SL.H.168	2000	20	10	1	3595	43.94

Cylinders

Measuring Cylinder with Hexagonal Base, Class-A, DIN/ISO

- Complies as per DIN EN ISO 4788
- With conformity Individual certificate
- "Eichordnung" (as per German weights and regulation standards), "H" mark signifies German regulation as DIN 12600 Calibration (TC, In)
- With hexagonal base
- Manufacture from Boro 3.3
- Non DIN

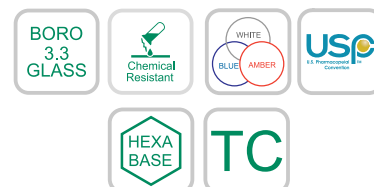
Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	INR/Pc	USD/PC
SL.H.169	5	0.1	0.05	1	395	4.83
SL.H.170	10	0.2	0.1	1	450	5.50
SL.H.171	25	0.5	0.25	1	520	6.36
SL.H.172	50	1	0.5	1	625	7.64
SL.H.173	100	1	0.5	1	715	8.74
SL.H.174	250	2	1	1	965	11.79
SL.H.175	500	5	2.5	1	1235	15.09
SL.H.176	1000	10	5	1	1800	22.00
SL.H.177	2000	20	10	1	3500	42.78



Measuring Cylinder Graduated Hexagonal Base - USP Standard

- Complies as per USP
- With batch certificate
- With hexagonal base
- Manufacture from Boro 3.3

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	INR/Pc	USD/PC
SL.UH.161	5	0.1	0.05	2	365	4.46
SL.UH.162	10	0.2	0.1	2	465	5.68
SL.UH.163	25	0.5	0.15	2	540	6.60
SL.UH.164	50	1	0.25	2	573	7.00
SL.UH.165	100	1	0.5	2	684	8.36
SL.UH.166	250	2	1	2	865	10.57
SL.UH.167	500	5	1.5	2	1435	17.54
SL.UH.168	1000	10	3	1	1875	22.92
SL.UH.169	2000	20	6	1	3595	43.94



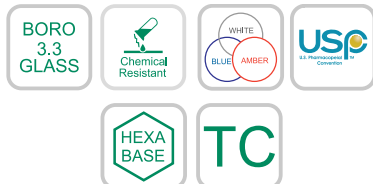
Cylinders



Measuring Cylinder Graduated Hexagonal Base - USP Standard

- Complies as per USP
- With individual certificate
- With hexagonal base
- Manufacture from Boro 3.3

Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	INR/Pc	USD/PC
SL.UH.170	5	0.1	0.05	1	525	6.42
SL.UH.171	10	0.2	0.1	1	535	6.54
SL.UH.172	25	0.5	0.15	1	600	7.33
SL.UH.173	50	1	0.25	1	730	8.92
SL.UH.174	100	1	0.5	1	820	10.02
SL.UH.175	250	2	1	1	1201	14.68
SL.UH.176	500	5	1.5	1	1584	19.36
SL.UH.177	1000	10	3	1	1950	23.83
SL.UH.178	2000	20	6	1	3670	44.85

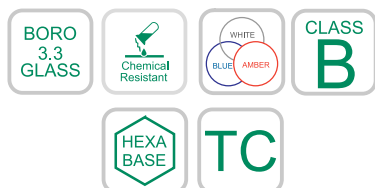


Measuring Cylinder Hexagonal Base - Class B

- "Eichordnung" (as per German weights and regulation standards), "H" mark signifies German regulation as Calibration (TC, In)
- With hexagonal base
- Manufacture from Boro 3.3



Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	INR/Pc	USD/PC
SL.CBH.161	5	1	0.1	2	212	2.59
SL.CBH.162	10	0.2	0.2	2	251	3.07
SL.CBH.163	25	0.5	0.5	2	299	3.65
SL.CBH.164	50	1	1	2	324	3.96
SL.CBH.165	100	1	1	2	372	4.55
SL.CBH.166	250	2	2	2	693	8.47
SL.CBH.167	500	5	5	2	905	11.06
SL.CBH.168	1000	10	10	1	1375	16.81
SL.CBH.169	2000	20	20	1	2650	32.39

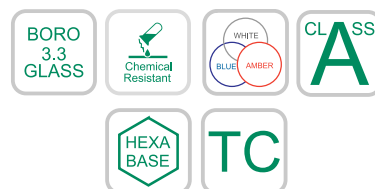


Cylinders

Mixing Cylinder with Hexagonal base, Class-A

- With individual certificate
- “Eichordnung” (as per German weights and regulation standards), “H” mark signifies German regulation as Calibration (TC, In)
- With hexagonal base
- Manufacture from Boro 3.3

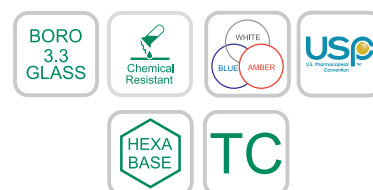
Item Code	Capacity (ml)	N/S	Sub division (ml)	Tolerance (± ml)	Pack of	INR/Pc	USD/PC
SL.MC06	10	19/10	0.2	0.1	1	720	8.80
SL.MC07	25	14/23	0.5	0.25	1	830	10.14
SL.MC08	50	19/26	1	0.5	1	945	11.55
SL.MC09	100	24/29	1	0.5	1	1100	13.44
SL.MC10	250	29/32	2	1	1	1700	20.78
SL.MC11	500	34/35	5	2.5	1	2200	26.89
SL.MC12	1000	45/40	10	5	1	2700	33.00
SL.MC13	2000	45/40	20	10	1	4300	52.55



Mixing Cylinder with Hexagonal base, USP

- Complies as per USP
- With individual certificate
- With hexagonal base
- Manufacture from Boro 3.3

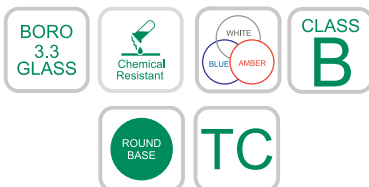
Item Code	Capacity (ml)	Sub division (ml)	Tolerance (± ml)	Pack of	INR/Pc	USD/PC
SL.MUH.17	5	0.1	0.05	1	525	6.42
SL.MUH.18	10	0.2	0.1	1	535	6.54
SL.MUH.19	25	0.5	0.15	1	600	7.33
SL.MUH.20	50	1	0.25	1	730	8.92
SL.MUH.21	100	1	0.5	1	820	10.02
SL.MUH.22	250	2	1	1	1201	14.68
SL.MUH.23	500	5	1.5	1	1584	19.36
SL.MUH.24	1000	10	3	1	1950	23.83
SL.MUH.25	2000	20	6	1	3670	44.85



Cylinders

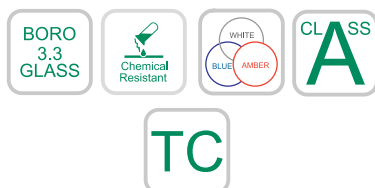
Mixing Cylinders with Glass stopper and Round Base Class B

- Complies as per DIN EN ISO 4788
- "Eichordnung" (as per German weights and regulation standards), "H" mark signifies German regulation as DIN 12600 Calibration (TC, In)
- With round base
- Manufacture from Boro 3.3
- Non DIN



Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL141.222.01	5	0.1	0.1	2	360	4.40
SL141.222.02	10	0.2	0.2	2	370	4.52
SL141.222.03	25	0.5	0.5	2	416	5.08
SL141.222.04	50	1	1	2	470	5.74
SL141.222.05	100	1	1	2	575	7.03
SL141.222.06	250	2	2	2	977	11.94
SL141.222.07	500	5	5	2	1360	16.62
SL141.222.08	1000	10	10	1	1967	24.04
SL141.222.09	2000	20	20	1	3407	41.64

Nessler Cylinder, for colour comparison Class-A



Item Code	Capacity (ml)	Sub division (ml)	Tolerance (\pm ml)	Pack of	INR/Pc	USD/PC
SL.1606.03	50	25 & 50	0.4	10	155	1.89
SL.1606.04	100	50 & 100	0.8	10	230	2.81

Dishes

Dishes, Crystallizing, without Spout

- Crystallizing Dishes
- Made of Boro 3.3

Item Code	Ø(mm)xh	capacity	Pack of	INR/Pc	USD/PC
SL.2001	40 X 25MM	60 ML	10	116	1.42
SL.2002	50 X 30MM	65 ML	10	122	1.49
SL.2003	60 X 35MM	80 ML	10	148	1.81
SL.2004	70 X 40MM	180 ML	10	205	2.51
SL.2005	80 X 45MM	200 ML	10	223	2.73
SL.2006	95 X 55MM	280ML	10	375	4.58
SL.2007	100 X 50MM	300 ML	10	375	4.58
SL.2008	150 X 75MM	1200 ML	10	650	7.94
SL.2009	190 X 100MM	2500 ML	10	1088	13.30



Dishes, Crystallizing with Spout

- Crystallizing Dishes
- Made of Boro 3.3

Item Code	Ø(mm)xh	capacity	Pack of	INR/Pc	USD/PC
SL.2010	40 X 25MM	60 ML	10	125	1.53
SL.2011	50 X 30MM	65 ML	10	140	1.71
SL.2012	60 X 35MM	80 ML	10	166	2.03
SL.2013	70 X 40MM	180 ML	10	222	2.71
SL.2014	80 X 45MM	200 ML	10	240	2.93
SL.2015	95 X 55MM	280ML	10	362	4.42
SL.2016	100 X 50MM	300 ML	10	644	7.87
SL.2017	150 X 75MM	1200 ML	10	644	7.87
SL.2018	190 X 100MM	2500 ML	10	1078	13.18



Dishes

Petri Dish Manufactured from BORO 3.3 Glass

- Best for repeated Autoclaving
- Made of Boro 3.3
- As per ASTM E438 Type 1 Class A



Item Code	OD x Height (mm)	Pack of	INR/Pc	USD/PC
SL.PD01	50X17 MM	10	155	1.89
SL.PD02	60X17 MM	10	155	1.89
SL.PD03	80X17 MM	10	192	2.35
SL.PD04	90X15 MM	10	192	2.35
SL.PD05	90X17 MM	10	192	2.35
SL.PD06	100X15 MM	10	192	2.35
SL.PD07	100X17 MM	10	230	2.81
SL.PD08	100X20 MM	10	230	2.81
SL.PD09	120X20 MM	10	230	2.81
SL.PD10	150X20 MM	10	579	7.08
SL.PD11	150X20 MM	10	579	7.08
SL.PD12	200X20 MM	10	1260	15.40

Dishes, Evaporating

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



Item Code	OD x Height (mm)	Pack of	INR/Pc	USD/PC
SL.ED.01	50X25 MM	10	140	1.71
SL.ED.02	60X30 MM	10	184	2.25
SL.ED.03	70X35 MM	10	198	2.42
SL.ED.04	80X45 MM	10	309	3.78
SL.ED.05	95X55 MM	10	446	5.45
SL.ED.06	105X55 MM	10	446	5.45
SL.ED.07	150X80 MM	10	839	10.25
SL.ED.08	200X100 MM	10	1543	18.86

Extraction

Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made from Borosilicate Glass 3.3
- For Oil Heavier Than Water
- Round bottom Flask 1000ml: 24/29
- Liebig condenser 300mm-24/29

Item Code	Receiver	INR/Pc	USD/PC
SL.2401A.01	5 ml receiver	6074	74.24
SL.2402A.01	10 ml receiver	6074	74.24



Kipps Apparatus

- Made from Borosilicate Glass 3.3

Item Code	Capacity	INR/Pc	USD/PC
SL.2601.01	500ML	3505	42.84
SL.2602.01	1000ML	4675	57.14



Extraction



Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made from Borosilicate Glass 3.3
- For Oil Lighter Than Water
- Round bottom Flask 1000ml: 24/29
- Liebig condenser 300mm-24/29

Item Code	Receiver	INR/Pc	USD/PC
SL.2401.01	5 ml receiver	6074	74.24
SL.2402.01	10 ml receiver	6074	74.24



Dessicator non vaccum with cover diepressed

- with porceleine plate

Item Code	Capacity	INR/Pc	USD/PC
SL.M101.01	150 MM	2700	33.00
SL.M101.02	210 MM	4450	54.39
SL.M101.03	250 MM	5900	72.11
SL.M101.04	300 MM	13000	158.89

Extraction

Dessicator vacuum with cover diepressed

- with porceleine plate

Item Code	Capacity	INR/Pc	USD/PC
SL.M101.05	150 MM	3970	48.52
SL.M101.06	210 MM	6550	80.05
SL.M101.07	250 MM	10500	128.33
SL.M101.08	300 MM	14900	182.11



EXTRACTION APPARATUS

- Complete with condensor & Flask
- Available with Screw thread connector

Item code	Extractor Cap (ml)	Socket	Cone	Flask Cap	Condensor Type	Pack	INR/Pc	USD/PC
SL.2307.01	60 ML	34/35	24/29	150	ALLIHIN	1	1339	16.37
SL.2307.02	100 ML	40/38	24/29	150	ALLIHIN	1	1560	19.07
SL.2307.03	100 ML	45/40	29/32	250	ALLIHIN	1	1560	19.07
SL.2307.04	200 ML	50/42	24/29	500	ALLIHIN	1	2571	31.42
SL.2307.05	250 ML	45/40	29/32	500	ALLIHIN	1	2571	31.42
SL.2307.06	500 ML	60/46	29/32	1000	ALLIHIN	1	5366	65.58
SL.2307.07	1000 ML	71/55	29/32	2000	ALLIHIN	1	9684	118.36
SL.2307.09	100 ML	45/40	29/32	250	DIMROTH	1	2438	29.80
SL.2307.10	150 ML	45/40	29/32	250	DIMROTH	1	2739	33.48
SL.2307.11	250 ML	45/40	29/32	500	DIMROTH	1	3001	36.68
SL.2307.12	500 ML	60/46	29/32	500	DIMROTH	1	5433	66.40
SL.2307.13	1000 ML	71/55	29/32	500	DIMROTH	1	9211	112.58



Extraction



Condenser for Soxhlet Apparatus

- Extractor made of Boro 3.3
- Available with Glass and plastic screw thread connector

Item Code	Cone	Length (mm)	Extractor (ml)	Connector	Pack of	INR/Pc	USD/PC
SL.AS.01	45/40	300	100	SCREW THREAD	1	890	10.88
SL.AS.02	45/40	400	250	SCREW THREAD	1	887	10.84
SL.AS.03	60/46	400	500	SCREW THREAD	1	1300	15.89
SL.AS.04	71/55	400	1000	SCREW THREAD	1	1600	19.56
SL.AS.05	45/40	300	100	GLASS	1	800	9.78
SL.AS.06	45/40	400	250	GLASS	1	830	10.14
SL.AS.07	60/46	400	500	GLASS	1	1300	15.89
SL.AS.08	71/55	400	1000	GLASS	1	1600	19.56
SL.AS.09	34/55	300	60	GLASS	1	500	6.11
SL.AS.10	40/38	300	100	GLASS	1	600	7.33
SL.AS.11	50/42	400	200	GLASS	1	900	11.00



Extractor

- Extractor made of Boro 3.3

Item code	Capacity (ml)	Socket	Cone	Pack	INR/Pc	USD/PC
SL.2307.14	60 ML	34/35	24/29	1	647	7.91
SL.2307.15	100 ML	40/38	24/29	1	1000	12.22
SL.2307.16	100 ML	45/40	29/32	1	900	11.00
SL.2307.17	200 ML	50/42	24/29	1	1000	12.22
SL.2307.18	250 ML	45/40	29/32	1	900	11.00
SL.2307.19	500 ML	60/46	29/32	1	2611	31.91
SL.2307.20	1000 ML	71/55	29/32	1	3400	41.55

FILTRATION



Filtration



All Glass Filter Holder -47 mm, Filtration Assembly

- Made of Boro 3.3 with fritted glass filter base
- The base design has an integral vacuum connection located above the filtrate drip to prevent contamination of vacuum line from droplets
- Borosilicate glass funnel, Capacity of Funnel 300 ml, base and tubulated cap; anodized aluminum spring clamp
- For HPLC Mobile phase Filtration



Item Code	Capacity (ml)	Pack of	INR/Pc	USD/PC
SL.1400.01	500 ML	1	6000	73.33
SL.1400.02	1000 ML	1	12850	157.05
SL.1401.03	2000 ML	1	17010	207.90
SL.1401.04	5000 ML	1	25587	312.72

Spares for All Glass Filter Holder

Item	Capacity	Description	INR/Pc	USD/PC
SL.SP.01	500 ml	Flask for filter holder	1900	23.22
SL.SP.02	1000 ml	Flask for filter holder	3000	36.67
SL.SP.03	2000 ml	Flask for filter holder	8000	97.78
SL.SP.04	300 ml	Funnel for filter holder	3000	36.67
SL.SP.05	47 mm	Filter Support Base for Filter Holder	3800	46.44
SL.SP.06	47mm	Aluminium Clamp for Filter Holder	2500	30.55

Filtration



All Glass Filter Holder -47 mm, Filtration Assembly

- Made of Boro 3.3 with fritted glass filter base
- The filtration base has a silicon stopper
- The base design has an integral vacuum connection located above the filtrate drip to prevent contamination of vacuum line from droplets
- Borosilicate glass funnel, Capacity of Funnel 300 ml, base and tubulated cap; anodized aluminum spring clamp
- For HPLC Mobile phase Filtration

Item Code	Capacity (ml)	Pack of	INR/Pc	USD/PC
SL.M1400.01	500 ML	1	6000	73.33
SL.M1400.02	1000 ML	1	12850	157.05
SL.M1401.03	2000 ML	1	17010	207.90
SL.M1401.04	5000 ML	1	25587	312.72

Spares for All Glass Filter Holder - 47 mm

Item	Capacity	Description	INR/PC	USD/PC
SL.SP.07	500 ml	Flask for filter holder	1500	18.33
SL.SP.08	1000 ml	Flask for filter holder	2600	31.78
SL.SP.09	2000 ml	Flask for filter holder	4800	58.67
SL.SP.10	300 ml	Funnel for filter holder	3000	36.67
SL.SP.11	47 mm	Filter Support Base for Filter Holder	3800	46.44
SL.SP.12	47mm	Aluminium Clamp for Filter Holder	2500	30.55



Filtration

Filter Crucible

- Made of Boro 3.3
- With sintered disc



Item Code	Porosity	Capacity	Dia of Disc mm	Height	Pack of	INR/PC	USD/PC
SL.1900.01	1	15 ML	20	50	10	300	3.67
SL.1900.02	2	15 ML	20	50	10	300	3.67
SL.1900.03	3	15 ML	20	50	10	300	3.67
SL.1900.04	4	15 ML	20	50	10	300	3.67
SL.1900.05	1	30 ML	30	60	10	400	4.89
SL.1900.06	2	30 ML	30	60	10	400	4.89
SL.1900.07	3	30 ML	30	60	10	400	4.89
SL.1900.08	4	30 ML	30	60	10	400	4.89
SL.1900.09	1	50 ML	40	65	10	511	6.25
SL.1900.10	2	50 ML	40	65	10	511	6.25
SL.1900.11	3	50 ML	40	65	10	511	6.25
SL.1900.12	4	50 ML	40	65	10	511	6.25
SL.1900.13	5	50 ML	40	65	10	600	7.33

Funnels, Buchner, with sintered disc, ASTM

- Made from ASTM E-438, TYPE-1, BORO 3.3 GLASS
- Comes with fire polished rim and stem
- Porosity 1= 90 - 150 μ m, Porosity 2= 40 - 90 μ m, Porosity 3= 15 - 40 μ m, Porosity 4= 5 - 15 μ m



Item Code	Capacity (ml)	Disc Dia (mm)	Porosity	Pack of	INR/PC	USD/PC
SL.1905.1	35 ML	30	1	2	457	5.59
SL.1905.2	35 ML	30	2	2	457	5.59
SL.1905.3	35 ML	30	3	2	457	5.59
SL.1905.4	35 ML	30	4	2	457	5.59
SL.1905.6	80 ML	40	1	2	882	10.78
SL.1905.7	80 ML	40	2	2	882	10.78
SL.1905.8	80 ML	40	3	2	882	10.78
SL.1905.9	80 ML	40	4	2	882	10.78
SL.1905.10	200 ML	65	1	2	1392	17.01
SL.1905.11	200 ML	65	2	2	1392	17.01
SL.1905.12	200 ML	65	3	2	1392	17.01
SL.1905.13	200 ML	65	4	2	1392	17.01
SL.1905.14	500 ML	90	1	2	3278	40.06
SL.1905.15	500 ML	90	2	2	3278	40.06
SL.1905.16	500 ML	90	3	2	3278	40.06
SL.1905.17	500 ML	90	4	2	3278	40.06
SL.1905.18	1000 ML	120	1	2	6356	77.68
SL.1905.19	1000 ML	120	2	2	6356	77.68
SL.1905.20	1000 ML	120	3	2	6356	77.68
SL.1905.21	1000 ML	120	4	2	6356	77.68

FUNNELS



Funnels

Dropping Funnel

- Cylindrical with stem inside cone, Solid Glass Stopcock,
- Available with PE Stopper and Glass stopper
- Graduated dropping funnel available on request



Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.46	50	14/23	2.5	1	SOLID GLASS	591	7.22
SL.1503.47	50	29/32	2.5	1	SOLID GLASS	597	7.30
SL.1503.48	100	14/23	2.5	1	SOLID GLASS	614	7.50
SL.1503.49	100	29/32	2.5	1	SOLID GLASS	680	8.31
SL.1503.50	250	29/32	4	1	SOLID GLASS	832	10.17
SL.1503.51	500	29/32	4	1	SOLID GLASS	1089	13.31
SL.1503.52	1000	29/32	6	1	SOLID GLASS	1657	20.25

Dropping Funnel

- Cylindrical with stem inside cone, PTFE Needle, DIN/ISO
- Available with PE Stopper and Glass stopper
- Graduated dropping funnel available on request

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.53	50	29/32	2.5	1	PTFE NEEDLE	518	6.33
SL.1503.54	100	29/32	2.5	1	PTFE NEEDLE	534	6.53
SL.1503.55	250	29/32	4	1	PTFE NEEDLE	776	9.48
SL.1503.56	500	29/32	4	1	PTFE NEEDLE	1102	13.47
SL.1503.57	1000	29/32	6	1	PTFE NEEDLE	1895	23.16

Dropping Funnel, PTFE Stopcock

- Cylindrical with stem inside cone, PTFE Stopcock,
- Available with PE Stopper and Glass stopper
- Graduated dropping funnel available on request

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.53P	50	29/32	2.5	1	PTFE	718	8.78
SL.1503.54P	100	29/32	2.5	1	PTFE	734	8.97
SL.1503.55P	250	29/32	4	1	PTFE	975	11.92
SL.1503.56P	500	29/32	4	1	PTFE	1302	15.91
SL.1503.57P	1000	29/32	6	1	PTFE	2000	24.44



Funnels

Pressure Equalising Funnel, Glass Stopcock

- Pear shaped with PTFE Stopcock & Cone.Cap.
- Made from BORO 3.3 GLASS • With Drip Stem.

Item Code	Capacity (ml)	Socket & Cone N/S	BORE (mm)	PACK	INR/Pc	USD/PC
SL.1503.63	50 ml	14/23	2.5	1	1228	15.01
SL.1503.64	100 ml	14/23	2.5	1	1276	15.60
SL.1503.65	250 ml	29/32	4	1	1350	16.50
SL.1503.66	500 ml	29/32	4	1	2000	24.44

Pressure Equalising Funnel, PTFE Needle

- Pear shaped with PTFE Stopcock & Cone.Cap.
- Made from BORO 3.3 GLASS • With Drip Stem

Item Code	Capacity (ml)	Socket & Cone N/S	BORE (mm)	PACK	INR/Pc	USD/PC
SL.1503.63R	50 ml	14/23	2.5	1	1100	13.44
SL.1503.64R	100 ml	14/23	2.5	1	1200	14.67
SL.1503.65R	250 ml	29/32	4	1	1300	15.89
SL.1503.66R	500 ml	29/32	4	1	1700	20.78

Pressure Equalising Funnel, with PTFE Stopcock

- Pear shaped with PTFE Stopcock & Cone.Cap.
- Made from BORO 3.3 GLASS • With Drip Stem

Item Code	Capacity (ml)	Socket & Cone N/S	BORE (mm)	PACK	INR/Pc	USD/PC
SL.1503.63P	50 ml	14/23	2.5	1	2000	24.44
SL.1503.64P	100 ml	14/23	2.5	1	2200	26.89
SL.1503.65P	250 ml	29/32	4	1	2300	28.11
SL.1503.66P	500 ml	29/32	4	1	2700	33.00



BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE AMBER

Funnel



Pressure Equalising Funnel, Glass Stopcock

- Cylindrical shaped with Glass Stopcock & Cone.Cap.
- Made from DIN ISO 3585, BORO 3.3 GLASS.
- With Drip Stem.

Item Code	Capacity (ml)	Socket & Cone N/S	BORE (mm)	PACK	INR/Pc	USD/PC
SL.1503.67	50 ml	29/32	2.5	1	1350	16.50
SL.1503.68	100 ml	29/32	2.5	1	1400	17.11
SL.1503.69	250 ml	29/32	4	1	1400	17.11
SL.1503.70	500 ml	29/32	4	1	2000	24.44

Pressure Equalising Funnel, with PTFE Stopcock

- Cylindrical shaped with PTFE Stopcock & Cone.Cap.
- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Drip Stem

Item Code	Capacity (ml)	Socket & Cone N/S	BORE (mm)	PACK	INR/Pc	USD/PC
SL.1503.67P	50 ml	29/32	2.5	1	1800	22.00
SL.1503.68P	100 ml	29/32	2.5	1	2200	26.89
SL.1503.69P	250 ml	29/32	4	1	2300	28.11
SL.1503.70P	500 ml	29/32	4	1	2500	30.55

BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE AMBER

PTFE

Funnels

Separating Funnel Squibb Shape

- Made from , BORO 3.3 GLASS
- Available with PE Stopper

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.01	25	19/26	2.5	1	SOLID GLASS	367	4.49
SL.1503.02	50	19/26	2.5	1	SOLID GLASS	566	6.92
SL.1503.03	60	19/26	2.5	1	SOLID GLASS	566	6.92
SL.1503.04	100	19/26	2.5	1	SOLID GLASS	642	7.85
SL.1503.05	125	19/26	2.5	1	SOLID GLASS	930	11.37
SL.1503.06	250	29/32	4	1	SOLID GLASS	1026	12.54
SL.1503.07	500	29/32	4	1	SOLID GLASS	1400	17.11
SL.1503.08	1000	29/32	6	1	SOLID GLASS	1775	21.69
SL.1503.09	2000	29/32	6	1	SOLID GLASS	3240	39.60

Separating Funnel Squibb Shape

- Made from , BORO 3.3 GLASS
- Available with PE Stopper

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.18	60	19/26	2.5	1	PTFE KEY	1025	12.53
SL.1503.19	125	19/26	2.5	1	PTFE KEY	1080	13.20
SL.1503.20	250	29/32	4	1	PTFE KEY	1181	14.43
SL.1503.21	500	29/32	4	1	PTFE KEY	1537	18.79
SL.1503.22	1000	29/32	6	1	PTFE KEY	1837	22.45
SL.1503.23	2000	29/32	6	1	PTFE KEY	3525	43.08

Separating Funnel Squibb Shape

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.10	60	19/26	2.5	1	PTFE NEEDLE	760	9.29
SL.1503.11	100	19/26	2.5	1	PTFE NEEDLE	760	9.29
SL.1503.12	125	19/26	2.5	1	PTFE NEEDLE	866	10.58
SL.1503.13	250	29/32	4	1	PTFE NEEDLE	960	11.73
SL.1503.14	500	29/32	4	1	PTFE NEEDLE	1290	15.77
SL.1503.15	1000	29/32	6	1	PTFE NEEDLE	1620	19.80
SL.1503.16	2000	29/32	6	1	PTFE NEEDLE	2863	34.99
SL.1503.17	5000	29/32	6	1	PTFE NEEDLE	5295	64.72



BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE AMBER

Funnels

Separating Funnel PEAR SHAPE

Available with PE Stopper

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.30	125	19/26	2.5	1	SOLID GLASS	645	7.88
SL.1503.31	250	29/32	4	1	SOLID GLASS	751	9.18
SL.1503.32	500	29/32	4	1	SOLID GLASS	874	10.68
SL.1503.33	1000	29/32	6	1	SOLID GLASS	1552	18.97
SL.1503.34	2000	29/32	6	1	SOLID GLASS	2304	28.16



Separating Funnel PEAR SHAPE

Available with PE Stopper

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.41	125	19/26	2.5	1	PTFE KEY	1058	12.93
SL.1503.42	250	29/32	4	1	PTFE KEY	1165	14.24
SL.1503.43	500	29/32	4	1	PTFE KEY	1325	16.19
SL.1503.44	1000	29/32	6	1	PTFE KEY	1873	22.89
SL.1503.45	2000	29/32	6	1	PTFE KEY	2828	34.56

Separating Funnel PEAR SHAPE

Available with PE Stopper

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.35	125	19/26	2.5	1	PTFE NEEDLE	709	8.67
SL.1503.36	250	29/32	4	1	PTFE NEEDLE	810	9.90
SL.1503.37	500	29/32	4	1	PTFE NEEDLE	993	12.14
SL.1503.38	1000	29/32	6	1	PTFE NEEDLE	1471	17.98
SL.1503.39	2000	29/32	6	1	PTFE NEEDLE	2468	30.16
SL.1503.40	5000	29/32	6	1	PTFE NEEDLE	5295	64.72

BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE
AMBER

Funnels

Graduated Separating Funnel

- Available with PE Stopper

Item Code	CAPACITY (ml)	Socket & Cone N/S	BORE (MM)	PACK	Stopcock Type	INR/Pc	USD/PC
SL.1503.24	50	19/26	2.5	1	PTFE KEY	1195	14.61
SL.1503.25	100	19/26	2.5	1	PTFE KEY	1280	15.64
SL.1503.26	250	29/32	4	1	PTFE KEY	1418	17.33
SL.1503.27	500	29/32	4	1	PTFE KEY	1717	20.99
SL.1503.28	1000	29/32	6	1	PTFE KEY	2295	28.05
SL.1503.29	2000	29/32	6	1	PTFE KEY	3783	46.24



Funnel, DIN/ISO & USP

- Made of Boro 3.3

Item Code	CAPACITY (ml)		PACK	INR/Pc	USD/PC
SL.1500.01	25	MM	10	55	0.67
SL.1500.02	35	MM	10	58	0.71
SL.1500.03	50	MM	10	58	0.71
SL.1500.04	55	MM	10	71	0.87
SL.1500.05	65	MM	10	90	1.10
SL.1500.06	70	MM	10	90	1.10
SL.1500.07	75	MM	10	90	1.10
SL.1500.08	100	MM	10	112	1.37
SL.1500.09	120	MM	10	245	2.99
SL.1500.10	125	MM	10	245	2.99
SL.1500.11	150	MM	10	375	4.58



Funnels

Powder Funnel

- Available with Cone
- Made of Boro 3.3



BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE
AMBER

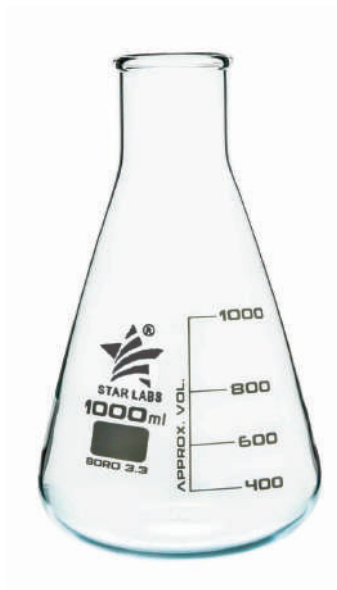
Item Code	CAPACITY (ml)	N/S	TYPE	INR/Pc	USD/PC
SL.1501.01	45 mm	14/23	plain	200	2.44
SL.1501.02	70 mm	14/23	plain	261	3.19
SL.1501.03	70 mm	29/32	plain	289	3.53
SL.1501.04	80 mm	29/32	plain	345	4.22
SL.1501.05	100 mm	14/32	plain	363	4.44
SL.1501.06	100 mm	29/32	plain	394	4.82
SL.1501.07	125 mm	24/29	plain	252	3.08
SL.1501.08	150 mm	24/29	plain	353	4.31
SL.1501.09	200 mm	24/29	plain	606	7.41
SL.1501.10	250 mm	24/29	plain	1333	16.29
SL.1502.01	125 mm	24/29	Cone	252	3.08
SL.1502.02	150 mm	24/29	Cone	353	4.31
SL.1502.03	200 mm	24/29	Cone	606	7.41
SL.1502.04	250 mm	24/29	Cone	1333	16.29

FLASKS



Flask

Flasks, Conical (Erlenmeyer) Narrow Mouth



BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE AMBER

- Flask, Erlenmeyer
- Narrow Neck with Graduation
- Has Reinforced thick Rim to reduce chipping & breakage

Item Code	Capacity (ml)	D. (mm)	D1. (mm)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.1201.01	25	42	22	75	10	65	0.79
SL.1201.02	50	51	22	90	10	72	0.88
SL.1201.03	100	64	22	105	10	73	0.89
SL.1201.04	150	74	28	118	10	87	1.06
SL.1201.05	250	85	34	145	10	117	1.43
SL.1201.06	500	105	34	180	10	167	2.04
SL.1201.07	1000	131	42	220	10	293	3.58
SL.1201.08	2000	166	50	280	6	498	6.09
SL.1201.09	3000	187	50	310	1	1359	16.61
SL.1201.10	5000	220	50	365	1	2237	27.34



BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE AMBER

Flasks, Conical (Erlenmeyer) Wide Mouth, ISO

- Flask, Erlenmeyer
- Wide Neck with Graduation
- Has Reinforced thick Rim to reduce chipping & breakage

Item Code	Capacity (ml)	D. (mm)	D1. (mm)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.1202.01	25	42	31	70	10	77	0.94
SL.1202.02	50	51	34	85	10	79	0.97
SL.1202.03	100	64	34	105	10	85	1.04
SL.1202.04	250	85	50	140	10	126	1.54
SL.1202.05	500	105	50	175	10	194	2.37
SL.1202.06	1000	131	50	220	10	334	4.08
SL.1202.07	2000	166	76	276	6	960	11.73

Flask

Flask, Erlenmeyer with Joint,

- Flask ,Conical with Joint
- Body is thick-walled

Item Code	Capacity (ml)	Socket Size	H. (mm)	D. (mm)	Pack Size	INR/Pc	USD/PC
SL.EGN.01	25	14/23	70	42	10	145	1.77
SL.EGN.02	25	19/26	70	42	10	165	2.02
SL.EGN.03	50	14/23	85	51	10	150	1.83
SL.EGN.04	50	19/26	85	51	10	150	1.83
SL.EGN.05	50	24/29	85	51	10	150	1.83
SL.EGN.06	50	29/32	85	51	10	188	2.30
SL.EGN.07	100	14/23	100	64	10	174	2.13
SL.EGN.08	100	19/26	100	64	10	174	2.13
SL.EGN.09	100	24/29	100	64	10	174	2.13
SL.EGN.10	100	29/32	100	64	10	219	2.68
SL.EGN.11	150	19/26	118	72	10	193	2.36
SL.EGN.12	150	24/29	118	72	10	193	2.36
SL.EGN.13	150	29/32	118	72	10	193	2.36
SL.EGN.14	200	29/32	131	79	10	193	2.36
SL.EGN.15	250	19/26	85	10	10	193	2.36
SL.EGN.16	250	24/29	85	10	10	194	2.37
SL.EGN.17	250	29/32	85	10	10	239	2.92
SL.EGN.18	300	29/32	156	87	10	239	2.92
SL.EGN.19	500	19/26	175	105	10	281	3.43
SL.EGN.20	500	24/29	175	105	10	281	3.43
SL.EGN.21	500	29/32	175	105	10	281	3.43
SL.EGN.22	1000	24/29	220	131	10	529	6.47
SL.EGN.23	1000	29/32	220	131	10	571	6.98
SL.EGN.24	1000	34/35	220	131	10	571	6.98
SL.EGN.25	2000	29/32	270	166	10	774	9.46
SL.EGN.26	2000	34/35	270	166	10	774	9.46
SL.EGN.27	3000	45/50	310	187	10	1885	23.04
SL.EGN.28	5000	45/50	365	220	10	1885	23.04

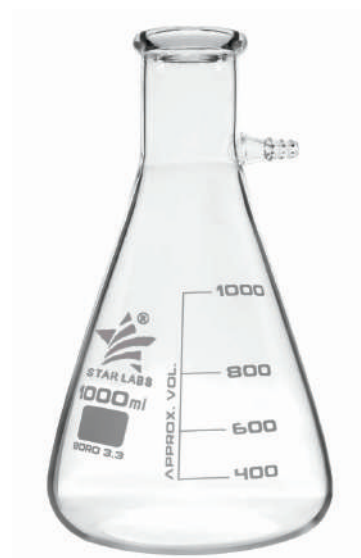


Flask

Filter Flasks.

- With Glass Connector
- Thick walled
- Without graduation printed in white, amber and blue

Item Code	Capacity (ml)	Pack	INR/Pc	USD/PC
SL.1205.01	50 ML	2	185	2.26
SL.1205.02	100 ML	2	281	3.43
SL.1205.03	250 ML	2	412	5.04
SL.1205.04	500 ML	2	500	6.11
SL.1205.05	1000 ML	2	770	9.41
SL.1205.06	2000 ML	2	1533	18.74
SL.1205.07	3000 ML	1	2982	36.45
SL.1205.08	5000 ML	1	5118	62.55
SL.1205.09	10000 ML	1	8707	106.42
SL.1205.10	20000 ML	1	12638	154.46



Flask, plain side arm and ground socket

- With Glass Connector and ground joint
- Thick walled
- Without graduation printed in white, amber and blue

Item Code	Capacity (ml)	Neck Size	Pack	INR/Pc	USD/PC
SL.1205.11	100 ML	19/26	2	360	4.40
SL.1205.12	100 ML	24/29	2	360	4.40
SL.1205.13	250 ML	24/29	2	562	6.87
SL.1205.14	250 ML	29/32	2	562	6.87
SL.1205.15	500 ML	24/29	2	780	9.53
SL.1205.16	500 ML	29/32	2	780	9.53
SL.1205.161	1000 ML	24/29	2	977	11.94
SL.1205.162	1000 ML	29/32	2	977	11.94



Flask



TILT MEASURE 24/40

Item Code	Capacity	Reservoir	INR/Pc	USD/PC
SL.1001.19	1000	10 ML	2995	36.60
SL.1001.20	1000	20 ML	3278	40.06
SL.1001.21	1000	25 ML	3362	41.09
SL.1001.22	1000	50 ML	3393	41.47
SL.1001.23	1000	100 ML	3434	41.97
SL.1001.24	250	10 ML	995	12.16



Flask, Round Bottom, Narrow Neck, ISO

- Manufactured from 33 expansion, borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements
- Uniform wall thickness distribution makes these flasks ideal for heating applications.
- With beaded rim.

Item Code	Capacity (ml)	D. (mm)	D1. (mm)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.1207.01	50	51	26	90	10	80	0.98
SL.1207.02	100	64	26	110	10	90	1.10
SL.1207.03	250	85	34	143	10	107	1.31
SL.1207.04	500	105	34	168	10	190	2.32
SL.1207.05	1000	131	42	200	6	238	2.91
SL.1207.06	2000	166	50	240	6	580	7.09
SL.1207.07	3000	185	50	260	1	1495	18.27
SL.1207.08	5000	223	50	305	1	2345	28.66
SL.1207.09	10000	279	65	380	1	5172	63.21
SL.1207.10	20000	350	75	510	1	8695	106.27



Flask

Flat Bottom Flask, Single Neck with Joint

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass.
- These Flasks comes with Ground Joint.
- manufactured as per ASTM E-1403 type 1 specifications.

Item Code	Capacity (ml)	Socket Size	Height mm	Diameter mm	pack	INR/Pc	USD/PC
SL.FB039	25 ML	14/23	85	41	10	137	1.67
SL.FB040	25 ML	19/26	85	41	10	137	1.67
SL.FB041	25ML	24/29	85	41	10	137	1.67
SL.FB042	50 ML	14/23	90	51	10	137	1.67
SL.FB043	50 ML	19/26	90	51	10	137	1.67
SL.FB044	50 ML	24/29	90	51	10	137	1.67
SL.FB045	50 ML	29/32	90	51	10	137	1.67
SL.FB046	100 ML	14/23	105	64	10	148	1.81
SL.FB047	100 ML	19/26	105	64	10	148	1.81
SL.FB048	100 ML	24/29	105	64	10	148	1.81
SL.FB049	100 ML	29/32	105	64	10	148	1.81
SL.FB050	150 ML	19/26	137	75	10	152	1.86
SL.FB051	150 ML	24/29	137	75	10	152	1.86
SL.FB052	150 ML	29/32	137	75	10	152	1.86
SL.FB053	250 ML	14/23	140	85	10	157	1.92
SL.FB054	250 ML	19/26	140	85	10	157	1.92
SL.FB055	250 ML	24/29	140	85	10	157	1.92
SL.FB056	250 ML	29/32	140	85	10	157	1.92
SL.FB057	250 ML	34/35	140	85	10	157	1.92
SL.FB058	500 ML	19/26	163	105	10	243	2.97
SL.FB059	500 ML	24/29	163	105	10	243	2.97
SL.FB060	500 ML	29/32	163	105	10	243	2.97
SL.FB061	500 ML	34/35	163	105	10	243	2.97
SL.FB062	1000 ML	19/26	200	131	10	335	4.09
SL.FB063	1000 ML	24/29	200	131	10	335	4.09
SL.FB064	1000 ML	29/32	200	131	10	335	4.09
SL.FB065	1000 ML	34/35	200	131	10	335	4.09
SL.FB066	2000 ML	24/29	240	165	6	640	7.82
SL.FB067	2000 ML	29/32	240	165	6	640	7.82
SL.FB068	2000 ML	34/35	240	165	6	640	7.82
SL.FB069	3000 ML	24/29	260	185	1	1775	21.69
SL.FB070	3000 ML	29/32	260	185	1	1775	21.69
SL.FB071	3000 ML	34/35	260	185	1	1775	21.69
SL.FB072	3000 ML	45/50	260	185	1	1775	21.69
SL.FB073	5000 ML	24/29	305	223	1	2995	36.60
SL.FB074	5000 ML	29/32	305	223	1	2995	36.60
SL.FB075	5000 ML	34/35	305	223	1	2995	36.60
SL.FB076	5000 ML	45/40	305	223	1	2995	36.60
SL.FB077	10000 ML	29/32	380	279	1	5995	73.27
SL.FB078	10000 ML	34/35	380	279	1	5995	73.27
SL.FB079	10000 ML	45/40	380	279	1	5995	73.27
SL.FB080	10000 ML	55/44	380	279	1	5995	73.27
SL.FB081	20000 ML	55/44	435	345	1	10995	134.38



Flask

Flask, Round Bottom, Wide Neck, ISO

- Manufactured from 33 expansion, borosilicate glass conforming to USP
- Type I and ASTM E438, Type I, Class A requirements
- With beaded rim

Item Code	Capacity (ml)	D. (mm)	D1. (mm)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.RBW001	50	51	34	95	10	90	1.10
SL.RBW002	100	64	34	110	10	100	1.22
SL.RBW003	250	85	50	143	10	110	1.34
SL.RBW004	500	105	50	168	10	200	2.44
SL.RBW005	1000	131	50	200	10	270	3.30
SL.RBW006	2000	166	76	230	6	500	6.11



Flat Bottom, Narrow Mouth

- Manufactured from 33 expansion, borosilicate glass conforming to USP.
- Type I and ASTM E438, Type I, Class A requirements.
- Uniform wall thickness distribution makes these flasks ideal for heating applications.
- With beaded rim.

Item Code	Capacity (ml)	D. (mm)	D1. (mm)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.FB021	50	51	26	90	10	84	1.03
SL.FB022	100	64	26	110	10	101	1.23
SL.FB023	250	85	34	143	10	116	1.42
SL.FB024	500	105	34	168	10	194	2.37
SL.FB025	1000	131	42	200	6	288	3.52
SL.FB026	2000	166	50	240	6	547	6.69
SL.FB027	3000	185	50	260	1	1512	18.48
SL.FB028	5000	223	50	305	1	2476	30.26
SL.FB029	10000	279	65	380	1	5785	70.70
SL.FB030	20000	350	75	510	1	9639	117.81



Flask



Flask, Flat Bottom, Wide Neck

- Manufactured from 33 expansion, borosilicate glass conforming to USP.
- Type I and ASTM E438, Type I, Class A requirements.
- Uniform wall thickness distribution makes these flasks ideal for heating applications.
- With beaded rim.

Item Code	Capacity (ml)	D. (mm)	D1. (mm)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.FBW001	50	51	34	90	10	90	1.10
SL.FBW002	100	64	34	105	10	100	1.22
SL.FBW003	250	85	50	138	10	110	1.34
SL.FBW004	500	105	50	163	10	200	2.44
SL.FBW005	1000	131	50	190	10	270	3.30
SL.FBW006	2000	166	76	230	6	500	6.11



Flask, Florentine

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

Item Code	Capacity (ml)	Socket Size	Overall Height (mm)	Pack of	INR/Pc	USD/PC
SL.1221.01	50	29/32	95	1	409	5.00
SL.1221.02	100	24/29	107	1	465	5.68
SL.1221.03	100	29/32	130	1	504	6.16
SL.1221.04	250	24/29	135	1	654	7.99
SL.1221.05	250	29/32	135	1	694	8.48
SL.1221.06	500	24/29	153	1	833	10.18
SL.1221.07	500	29/32	153	1	957	11.70
SL.1221.08	1000	24/29	190	1	1225	14.97
SL.1221.09	1000	29/32	190	1	1326	16.21
SL.1221.10	2000	29/32	235	1	2064	25.23

Flask

Round Bottom Flask, Single Neck with Joint

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass.
- These Flasks comes with Ground Joint.
- manufactured as per ASTM E-1403 type 1 specifications.



BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE
AMBER

Item Code	Capacity (ml)	Socket size	Height mm	Diameter mm	pack	INR/Pc	USD/PC
SL.1209.02	25 ML	14/23	85	41	10	137	1.67
SL.1209.03	25 ML	19/26	85	41	10	137	1.67
SL.1209.04	25ML	24/29	85	41	10	137	1.67
SL.1209.05	50 ML	14/23	90	51	10	137	1.67
SL.1209.06	50 ML	19/26	90	51	10	137	1.67
SL.1209.07	50 ML	24/29	90	51	10	137	1.67
SL.1209.08	50 ML	29/32	90	51	10	137	1.67
SL.1209.09	100 ML	14/23	105	64	10	148	1.81
SL.1209.10	100 ML	19/26	105	64	10	148	1.81
SL.1209.11	100 ML	24/29	105	64	10	148	1.81
SL.1209.12	100 ML	29/32	105	64	10	148	1.81
SL.1209.13	150 ML	19/26	137	75	10	152	1.86
SL.1209.14	150 ML	24/29	137	75	10	152	1.86
SL.1209.15	150 ML	29/32	137	75	10	152	1.86
SL.1209.16	250 ML	14/23	140	85	10	157	1.92
SL.1209.17	250 ML	19/26	140	85	10	157	1.92
SL.1209.18	250 ML	24/29	140	85	10	157	1.92
SL.1209.19	250 ML	29/32	140	85	10	157	1.92
SL.1209.20	250 ML	34/35	140	85	10	157	1.92
SL.1209.21	500 ML	19/26	163	105	10	243	2.97
SL.1209.22	500 ML	24/29	163	105	10	243	2.97
SL.1209.23	500 ML	29/32	163	105	10	243	2.97
SL.1209.24	500 ML	34/35	163	105	10	243	2.97
SL.1209.25	1000 ML	19/26	200	131	10	335	4.09
SL.1209.26	1000 ML	24/29	200	131	10	335	4.09
SL.1209.27	1000 ML	29/32	200	131	10	335	4.09
SL.1209.28	1000 ML	34/35	200	131	10	335	4.09
SL.1209.29	2000 ML	24/29	240	165	6	640	7.82
SL.1209.30	2000 ML	29/32	240	165	6	640	7.82
SL.1209.31	2000 ML	34/35	240	165	6	640	7.82
SL.1209.32	3000 ML	24/29	260	185	1	1775	21.69
SL.1209.33	3000 ML	29/32	260	185	1	1775	21.69
SL.1209.34	3000 ML	34/35	260	185	1	1775	21.69
SL.1209.35	3000 ML	45/50	260	185	1	1775	21.69
SL.1209.36	5000 ML	24/29	305	223	1	2995	36.60
SL.1209.37	5000 ML	29/32	305	223	1	2995	36.60
SL.1209.38	5000 ML	34/35	305	223	1	2995	36.60
SL.1209.39	5000 ML	45/40	305	223	1	2995	36.60
SL.1209.40	10000 ML	29/32	380	279	1	5995	73.27
SL.1209.41	10000 ML	34/35	380	279	1	5995	73.27
SL.1209.42	10000 ML	45/40	380	279	1	5995	73.27
SL.1209.43	10000 ML	55/44	380	279	1	5995	73.27
SL.1209.44	20000 ML	55/44	435	345	1	10995	134.38

Flask

Flask Round Bottom, 2 Neck Parallel

- Manufactured from 33 expansion, borosilicate glass conforming to USP.
- Type I and ASTM E438, Type I, Class A requirements.

Code	Capacity (ml)	Socket Size	Side Socket	Overall Height	Pack of	INR/Pc	USD/PC
SL.1210.01	19/26	100	14/23	105	1	189	2.31
SL.1210.02	24/29	100	14/23	105	1	192	2.35
SL.1210.02.1	24/29	100	19/26	105	1	192	2.35
SL.1210.02.2	29/32	100	19/26	105	1	197	2.41
SL.1210.03	24/29	250	14/23	140	1	269	3.29
SL.1210.04	24/29	250	19/26	140	1	275	3.36
SL.1210.05	29/32	250	14/23	140	1	309	3.78
SL.1210.06	24/29	500	14/23	163	1	373	4.56
SL.1210.07	24/29	500	19/26	163	1	405	4.95
SL.1210.08	29/32	500	14/23	163	1	405	4.95
SL.1210.09	24/29	1000	14/23	200	1	486	5.94
SL.1210.10	24/29	1000	19/26	200	1	488	5.96
SL.1210.11	29/32	1000	14/23	200	1	555	6.78
SL.1210.12	24/29	2000	19/26	240	1	843	10.30
SL.1210.13	34/35	2000	19/26	240	1	895	10.94
SL.1210.14	34/35	3000	19/26	260	1	2595	31.72
SL.1210.15	34/35	3000	24/29	260	1	2595	31.72
SL.1210.16	34/35	5000	19/26	305	1	3595	43.94
SL.1210.17	34/35	5000	24/29	305	1	3595	43.94
SL.1210.18	34/35	10000	24/29	380	1	6995	85.49
SL.1210.19	55/44	10000	24/29	380	1	6995	85.49
SL.1210.20	55/44	20000	24/29	435	1	10995	134.38



Flask

Flask Round Bottom, 2 Angular

- Manufactured from 33 expansion, borosilicate glass conforming to USP.
- Type I and ASTM E438, Type I, Class A requirements.



BORO
3.3
GLASS



Code	Capacity (ml)	Socket Size	Side Socket	Overall Height	Pack of	INR/Pc	USD/PC
SL.1210.01P	100	19/26	14/23	105	1	189	2.31
SL.1210.02P	100	24/29	14/23	105	1	192	2.35
SL.1210.02.1P	100	24/29	19/26	105	1	192	2.35
SL.1210.02.2P	100	29/32	19/26	105	1	197	2.41
SL.1210.03P	250	24/29	14/23	140	1	269	3.29
SL.1210.04P	250	24/29	19/26	140	1	275	3.36
SL.1210.05P	250	29/32	14/23	140	1	309	3.78
SL.1210.06P	500	24/29	14/23	163	1	373	4.56
SL.1210.07P	500	24/29	19/26	163	1	405	4.95
SL.1210.08P	500	29/32	14/23	163	1	405	4.95
SL.1210.09P	1000	24/29	14/23	200	1	486	5.94
SL.1210.10P	1000	24/29	19/26	200	1	488	5.96
SL.1210.11P	1000	29/32	14/23	200	1	555	6.78
SL.1210.12P	2000	24/29	19/26	240	1	843	10.30
SL.1210.13P	2000	34/35	19/26	240	1	895	10.94
SL.1210.14P	3000	34/35	19/26	260	1	2595	31.72
SL.1210.15P	3000	34/35	24/29	260	1	2595	31.72
SL.1210.16P	5000	34/35	19/26	305	1	3595	43.94
SL.1210.17P	5000	34/35	24/29	305	1	3595	43.94
SL.1210.18P	10000	34/35	24/29	380	1	6995	85.49
SL.1210.19P	10000	55/44	24/29	380	1	6995	85.49
SL.1210.20P	20000	55/44	24/29	435	1	10995	134.38

Flask

Flasks, Round Bottom, 3 Necks, Parallel

- Manufactured from 33 expansion, borosilicate glass conforming to USP.
- Type I and ASTM E438, Type I, Class A requirements.

Code	Capacity (ml)	Centre Size	Side Socket	Overall Height	Pack of	INR/Pc	USD/PC
SL.1212.02	250	24/29	19/26	140	1	344	4.20
SL.1212.03	250	19/26	19/26	140	1	347	4.24
SL.1212.04	250	29/32	14/23	140	1	348	4.25
SL.1212.05	250	29/32	29/32	140	1	348	4.25
SL.1212.06	500	24/29	19/26	163	1	455	5.56
SL.1212.07	500	19/26	19/26	163	1	460	5.62
SL.1212.08	500	29/32	14/23	163	1	495	6.05
SL.1212.09	500	29/32	19/26	163	1	505	6.17
SL.1212.10	500	29/32	29/32	163	1	505	6.17
SL.1212.11	1000	24/29	19/26	200	1	644	7.87
SL.1212.12	1000	29/32	14/23	200	1	663	8.10
SL.1212.13	1000	29/32	19/26	200	1	695	8.49
SL.1212.14	1000	29/32	24/29	200	1	695	8.49
SL.1212.15	1000	29/32	29/32	200	1	695	8.49
SL.1212.16	2000	24/29	19/26	240	1	993	12.14
SL.1212.17	2000	29/32	19/26	240	1	1002	12.25
SL.1212.18	2000	29/32	29/32	240	1	1295	15.83
SL.1212.19	2000	34/35	19/26	240	1	1295	15.83
SL.1212.20	2000	34/35	24/29	240	1	1295	15.83
SL.1212.21	3000	34/35	24/29	260	1	3006	36.74
SL.1212.22	3000	34/35	19/26	260	1	3006	36.74
SL.1212.23	5000	34/35	24/29	305	1	4195	51.27
SL.1212.24	5000	34/35	24/29	305	1	4195	51.27
SL.1212.25	10000	34/35	24/29	380	1	8895	108.71
SL.1212.26	10000	45/40	24/29	380	1	8895	108.71
SL.1212.27	20000	55/44	24/29	435	1	13195	161.27



Flask

Flasks, Round Bottom, 3 Necks Angular

- Manufactured from 33 expansion, borosilicate glass conforming to USP.
- Type I and ASTM E438, Type I, Class A requirements.



Code	Capacity (ml)	Centre Size	Side Socket	Overall Height	Pack of	INR/PC	USD/PC
SL.1211.04	250	24/29	19/26	140	1	344	4.20
SL.1211.05	250	19/26	19/26	140	1	347	4.24
SL.1211.06	250	29/32	14/23	140	1	348	4.25
SL.1211.07	250	29/32	29/32	140	1	348	4.25
SL.1211.08	500	24/29	19/26	163	1	455	5.56
SL.1211.09	500	19/26	19/26	163	1	460	5.62
SL.1211.10	500	29/32	14/23	163	1	495	6.05
SL.1211.11	500	29/32	19/26	163	1	505	6.17
SL.1211.12	500	29/32	29/32	163	1	505	6.17
SL.1211.13	1000	24/29	19/26	200	1	644	7.87
SL.1211.14	1000	29/32	14/23	200	1	663	8.10
SL.1211.15	1000	29/32	19/26	200	1	695	8.49
SL.1211.16	1000	29/32	24/29	200	1	695	8.49
SL.1211.17	1000	29/32	29/32	200	1	695	8.49
SL.1211.18	2000	24/29	19/26	240	1	993	12.14
SL.1211.19	2000	29/32	19/26	240	1	1002	12.25
SL.1211.20	2000	29/32	29/32	240	1	1295	15.83
SL.1211.21	2000	34/35	19/26	240	1	1295	15.83
SL.1211.22	2000	34/35	24/29	240	1	1295	15.83
SL.1211.23	3000	34/35	24/29	260	1	3006	36.74
SL.1211.24	3000	34/35	19/26	260	1	3006	36.74
SL.1211.25	5000	34/35	24/29	305	1	4195	51.27
SL.1211.26	5000	34/35	24/29	305	1	4195	51.27
SL.1211.27	10000	34/35	24/29	380	1	8895	108.71
SL.1211.28	10000	45/40	24/29	380	1	8895	108.71
SL.1211.29	20000	55/44	24/29	435	1	13195	161.27



Flask

Flasks, Round Bottom, Four Necks Parallel, DIN & USP

- Manufactured from 3.3 low expansion, borosilicate glass conforming to USP.
- Type I and ASTM E438, Type I, Class A requirements.

Item Code	Capacity (ml)	Centre Size	Side Socket	Pack of	INR/Pc	USD/PC
SL.12121.16	250	24/29	19/26	1	405	4.95
SL.12121.17	250	19/26	19/26	1	405	4.95
SL.12121.18	250	24/29	14/23	1	405	4.95
SL.12121.19	250	29/32	14/23	1	405	4.95
SL.12121.20	250	29/32	29/32	1	405	4.95
SL.12121.21	500	24/29	19/26	1	610	7.46
SL.12121.22	500	19/26	19/26	1	610	7.46
SL.12121.23	500	24/29	24/29	1	610	7.46
SL.12121.24	500	24/29	14/23	1	610	7.46
SL.12121.25	500	29/32	14/23	1	610	7.46
SL.12121.26	500	29/32	19/26	1	610	7.46
SL.12121.27	500	29/32	29/32	1	610	7.46
SL.12121.28	500	34/35	24/29	1	610	7.46
SL.12121.29	1000	24/29	14/23	1	755	9.23
SL.12121.30	1000	24/29	24/29	1	755	9.23
SL.12121.31	1000	29/32	14/23	1	755	9.23
SL.12121.32	1000	29/32	19/26	1	755	9.23
SL.12121.33	1000	29/32	24/29	1	755	9.23
SL.12121.34	1000	29/32	29/32	1	755	9.23
SL.12121.35	1000	34/35	24/29	1	755	9.23
SL.12121.36	1000	45/40	29/32	1	755	9.23
SL.12121.37	2000	24/29	19/26	1	1375	16.81
SL.12121.38	2000	24/29	14/23	1	1375	16.81
SL.12121.39	2000	29/32	19/26	1	1375	16.81
SL.12121.40	2000	29/32	29/32	1	1375	16.81
SL.12121.41	2000	34/35	19/26	1	1375	16.81
SL.12121.42	2000	34/35	24/29	1	1375	16.81
SL.12121.43	2000	45/40	29/32	1	1375	16.81
SL.12121.44	3000	29/32	29/32	1	3395	41.49
SL.12121.45	3000	34/35	19/26	1	3395	41.49
SL.12121.46	3000	34/35	24/29	1	3395	41.49
SL.12121.47	3000	45/40	29/32	1	3395	41.49
SL.12121.48	5000	34/35	19/26	1	4795	58.60
SL.12121.49	5000	34/35	24/29	1	4795	58.60
SL.12121.50	10000	34/35	24/29	1	9395	114.83
SL.12121.51	10000	45/40	24/29	1	9395	114.83
SL.12121.52	20000	55/44	24/29	1	13995	171.05



Flask

Flask, Kjeldahl with Joint

- Made from ASTM E-438 Type 1, Boro 3.3 heat resistance glass.
- Suitable for determination of Nitrogen.



Item Code	Socket Size	Capacity (ml)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.1216.00	19\26	50	200	2	374	4.57
SL.1216.01	24\29	100	200	2	427	5.22
SL.1216.02	24\29	300	295	2	603	7.37
SL.1216.03	24\29	500	300	2	675	8.25
SL.1216.04	24\29	800	340	2	749	9.15



Flask, Kjeldahl without Joint

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

Item Code	Capacity (ml)	D. (mm)	H. (mm)	Pack of	INR/Pc	USD/PC
SL.1217.01	100	60	200	2	169	2.07
SL.1217.02	300	85	295	2	280	3.42
SL.1217.03	500	101	300	2	549	6.71
SL.1217.04	800	117	340	2	668	8.16



Flask, Iodine

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

Item Code	Capacity (ml)	Joint Size	Pack of	INR/Pc	USD/PC
SL.1206.01	100	24/29	2	195	2.38
SL.1206.02	250	29/32	2	245	2.99
SL.1206.03	500	24/29	2	308	3.76
SL.1206.04	500	29/32	2	309	3.78

Flask

Flask Erlenmeyer, with Screw Cap, ASTM



- Flask, Conical with Screw Cap
- Screw Cap Made of Polypropylene
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements
- Resistant to steam sterilization

Item Code	Capacity (ml)	Thread Size	Dia (mm)	Height	Pack	INR/Pc	USD/PC
SL.1204.01	50	25	51	85	2	210	2.57
SL.1204.02	100	25	64	100	2	224	2.74
SL.1204.03	150	25	118	118	2	260	3.18
SL.1204.04	250	32	85	140	2	301	3.68
SL.1204.05	500	32	105	175	2	374	4.57
SL.1204.06	1000	32	131	220	2	714	8.73



VOLUMETRIC FLASKS



Volumetric Flask



Volumetric Flask, Class-A, Batch Certificate, ISO

- Volumetric Flask Class A, Clear Glass
- With one graduation mark and new ergonomic PP stopper
- With ground joint
- Calibration based on the poured in volume ("In")
- Batch work certified

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.1200.18	5	10/19	0.04	2	355	4.34
SL.1200.19	10	10/19	0.04	2	385	4.71
SL.1200.20	20	10/19	0.04	2	415	5.07
SL.1200.21	25	10/19	0.04	2	415	5.07
SL.1200.22	50	12/21	0.06	2	445	5.44
SL.1200.23	100	14/23	0.1	2	475	5.81
SL.1200.24	200	14/23	0.15	2	565	6.91
SL.1200.25	250	14/23	0.15	2	590	7.21
SL.1200.26	500	19/26	0.25	2	785	9.59
SL.1200.27	1000	24/29	0.4	2	1445	17.66
SL.1200.28	2000	29/32	0.6	1	2765	33.79
SL.1200.29	5000	34/35	1.2	1	4005	48.95
SL.1200.30	10000	34/35	2.5	1	8895	108.71

Volumetric Flask, Class-A, Individual Certificate, ISO

- Volumetric Flask Class A, Clear Glass
- With one graduation mark and new ergonomic PP stopper
- With ground joint
- Calibration based on the poured in volume ("In")
- Individual work certified



Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.I.2003	5	10/19	0.04	1	715	8.74
SL.I.2004	10	10/19	0.04	1	619	7.57
SL.I.2005	20	10/19	0.04	1	619	7.57
SL.I.2006	25	10/19	0.04	1	570	6.97
SL.I.2007	50	12/21	0.06	1	546	6.67
SL.I.2008	100	14/23	0.1	1	531	6.49
SL.I.2009	200	14/23	0.15	1	751	9.18
SL.I.2010	250	14/23	0.15	1	753	9.20
SL.I.2011	500	19/26	0.25	1	987	12.06
SL.I.2012	1000	24/29	0.4	1	1448	17.70
SL.I.2013	2000	29/32	0.6	1	2356	28.79
SL.I.2014	5000	34/35	1.2	1	11630	142.14
SL.I.2015	10000	34/35	2.5	1	13630	166.59

Volumetric Flask

USP Volumetric Flask, Class-A

- Volumetric Flask Class A USP, Clear Glass
- With one graduation mark
- With ground joint
- Individual certified

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.U.1201	5	10/19	0.02	1	805	9.84
SL.U.1202	10	10/19	0.02	1	698	8.53
SL.U.1203	20	10/19	0.03	1	701	8.57
SL.U.1204	25	10/19	0.03	1	643	7.86
SL.U.1205	50	12/21	0.05	1	615	7.52
SL.U.1206	100	14/23	0.8	1	599	7.32
SL.U.1207	200	14/23	0.1	1	840	10.27
SL.U.1208	250	14/23	0.12	1	847	10.35
SL.U.1209	500	19/26	0.15	1	1115	13.63
SL.U.1210	1000	24/29	0.3	1	1625	19.86
SL.U.1211	2000	29/32	0.5	1	2653	32.42



Amber Volumetric Flask, Class-A, Batch Certificate, ISO

- With one graduation mark
- With ground joint
- Calibration based on the poured in volume ("In")
- Batch work certified

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.AM.1200	10 ML	10/19	0.04	2	645	7.88
SL.AM.1201	20 ML	10/19	0.04	2	645	7.88
SL.AM.1202	25 ML	10/19	0.04	2	585	7.15
SL.AM.1203	50 ML	12/21	0.06	2	555	6.78
SL.AM.1204	100 ML	14/23	0.1	2	545	6.66
SL.AM.1205	200 ML	14/23	0.1	2	780	9.53
SL.AM.1206	250 ML	14/23	0.15	2	780	9.53
SL.AM.1207	500 ML	19/26	0.25	2	900	11.00
SL.AM.1208	1000 ML	24/29	0.4	2	1600	19.56
SL.AM.1209	2000 ML	29/32	0.6	1	2700	33.00
SL.AM.1210	5000 ML	34/35	1.2	1	3800	46.44
SL.AM.1211	10000 ML	34/35	2.5	1	6300	77.00



Volumetric Flask

Amber Volumetric Flask, Class-A, Individual Certificate, ISO



- With one graduation mark
- With ground joint
- Calibration based on the poured in volume ("In")
- Individual work certified

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.AMI.1200	10 ML	10/19	0.04	2	745	9.11
SL.AMI.1201	20 ML	10/19	0.04	2	745	9.11
SL.AMI.1202	25 ML	10/19	0.04	2	685	8.37
SL.AMI.1203	50 ML	12/21	0.06	2	655	8.01
SL.AMI.1204	100 ML	14/23	0.1	2	645	7.88
SL.AMI.1205	200 ML	14/23	0.1	2	900	11.00
SL.AMI.1206	250 ML	14/23	0.15	2	880	10.76
SL.AMI.1207	500 ML	19/26	0.25	2	1185	14.48
SL.AMI.1208	1000 ML	24/29	0.4	2	1735	21.21
SL.AMI.1209	2000 ML	29/32	0.6	1	2825	34.53
SL.AMI.1210	5000 ML	34/35	1.2	1	4317	52.76
SL.AMI.1211	10000 ML	34/35	2.5	1	6539	79.92



Amber Volumetric Flask, Class-A, Individual Certificate, USP



- With one graduation mark
- With ground joint
- Complies with USP (United States Pharmacopia)
- Individual work certified

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.UAM.1200	5	10/19	0.02	1	900	11.00
SL.UAM.1201	10	10/19	0.02	1	830	10.14
SL.UAM.1202	20	10/19	0.03	1	830	10.14
SL.UAM.1203	25	10/19	0.03	1	750	9.17
SL.UAM.1204	50	12/21	0.05	1	730	8.92
SL.UAM.1205	100	14/23	0.8	1	710	8.68
SL.UAM.1206	200	14/23	0.1	1	1000	12.22
SL.UAM.1207	250	14/23	0.12	1	1010	12.34
SL.UAM.1208	500	19/26	0.15	1	1200	14.67
SL.UAM.1209	1000	24/29	0.3	1	1800	22.00
SL.UAM.1210	2000	29/32	0.5	1	3000	36.67



Volumetric Flask

Volumetric Flask, Class-B

- With one graduation mark
- With ground joint
- Calibration based on the poured in volume ("In")

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.CB.11.1	5	10/19	0.08	2	216	2.64
SL.CB.11.2	10	10/19	0.08	2	206	2.52
SL.CB.11.3	20	10/19	0.08	2	206	2.52
SL.CB.11.4	25	10/19	0.08	2	202	2.47
SL.CB.11.5	50	12/21	0.12	2	221	2.70
SL.CB.11.6	100	14/23	0.2	2	250	3.06
SL.CB.11.7	200	14/23	0.3	2	290	3.54
SL.CB.11.8	250	14/23	0.3	2	299	3.65
SL.CB.11.9	500	19/26	0.5	2	400	4.89
SL.CB.11.10	1000	24/29	0.8	2	605	7.39
SL.CB.11.11	2000	29/32	1.2	1	1095	13.38



BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE
AMBER

CLASS
B

Amber Volumetric Flask, Class-B

- With one graduation mark
- With ground joint
- Calibration based on the poured in volume ("In")

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.ACB.1	5	10/19	0.08	2	330	4.03
SL.ACB.2	10	10/19	0.08	2	314	3.84
SL.ACB.3	20	10/19	0.08	2	314	3.84
SL.ACB.4	25	10/19	0.08	2	299	3.65
SL.ACB.5	50	12/21	0.12	2	305	3.73
SL.ACB.6	100	14/23	0.2	2	338	4.13
SL.ACB.7	200	14/23	0.3	2	392	4.79
SL.ACB.8	250	14/23	0.3	2	401	4.90
SL.ACB.9	500	19/26	0.5	2	576	7.04
SL.ACB.10	1000	24/29	0.8	2	916	11.20
SL.ACB.11	2000	29/32	1.2	1	1560	19.07



BORO
3.3
GLASS

Chemical
Resistant

WHITE
PRINTING

CLASS
B

Volumetric Flask

Volumetric Flask Wide Neck Clear Glass

glass stopper and poly stopper Individual certified



Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.WM.01	5	10/19	0.04	1	710	8.68
SL.WM.02	10	10/19	0.04	1	610	7.46
SL.WM.04	20	14/23	0.06	1	615	7.52
SL.WM.05	25	14/23	0.1	1	650	7.94
SL.WM.07	50	14/15	0.1	1	630	7.70
SL.WM.08	100	19/26	0.1	1	670	8.19
SL.WM.09	200	19/26	0.15	1	900	11.00
SL.WM.10	250	19/26	0.15	1	960	11.73
SL.WM.11	500	24/29	0.4	1	990	12.10
SL.WM.12	1000	29/32	0.6	1	1500	18.33

Amber Volumetric Flask Wide Neck

• Available with glass stopper and poly stopper Individual certified



Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.WMA.01	5	10/19	0.04	1	845	10.33
SL.WMA.02	10	10/19	0.04	1	740	9.04
SL.WMA.03	20	12/21	0.06	1	750	9.17
SL.WMA.04	20	14/15	0.06	1	760	9.29
SL.WMA.05	25	14/15	0.1	1	830	10.14
SL.WMA.06	25	12/21	0.06	1	830	10.14
SL.WMA.07	50	14/15	0.1	1	785	9.59
SL.WMA.08	100	19/20	0.1	1	850	10.39
SL.WMA.09	200	19/20	0.15	1	1100	13.44
SL.WMA.10	250	19/26	0.15	1	1600	19.56
SL.WMA.11	500	24/29	0.4	1	1650	20.17
SL.WMA.12	1000	29/32	0.6	1	1750	21.39

Volumetric Flask

Volumetric Flasks Pharma use , Class A

- With Individual certificate
- With PP Stopper

Item Code	Capacity (ml)	N/S	Tolerance (+_ml)	Pack of	INR/Pc	USD/PC
SL.PH.01	100	12/21	0.8	1	630	7.70
SL.PH.02	200	14/23	0.1	1	900	11.00
SL.PH.03	250	14/23	0.12	1	900	11.00
SL.PH.04	500	19/26	0.15	1	1200	14.67
SL.PH.05	1000	24/29	0.3	1	1700	20.78
SL.PH.06	2000	29/32	0.5	1	2700	33.00



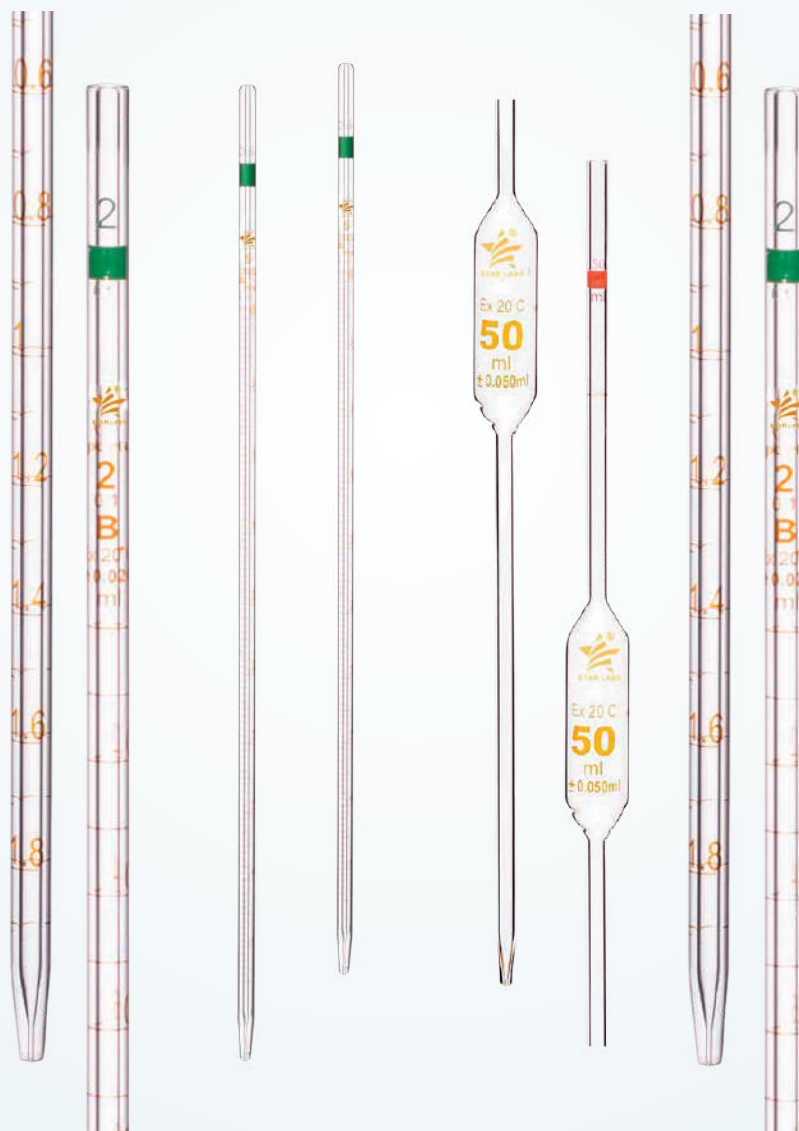
BORO
3.3
GLASS

Chemical
Resistant

WHITE
BLUE AMBER

CLASS
A

PIPETTES



Pipettes

Graduated Pipettes Type-3 (Serological), Class AS



- Batch certificate
- These pipettes are for complete delivery having 0 point at top
- Manufactured from Boro 3.3

Item Code	Capacity (ml)	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.1700.01	0.1	0.006	WHITE	5	335	4.09
SL.1700.02	0.2	0.006	BLACK	5	335	4.09
SL.1700.04	1	0.007	YELLOW	5	281	3.43
SL.1700.05	2	0.01	BLACK	5	300	3.67
SL.1700.08	5	0.03	RED	5	335	4.09
SL.1700.13	10	0.05	ORANGE	5	398	4.86
SL.1700.16	25	0.1	WHITE	5	491	6.00
SL.1700.17	30	0.03	BLACK	5	695	8.49
SL.1700.18	40	0.05	WHITE	5	695	8.49
SL.1700.19	50	0.05	RED	5	695	8.49
SL.1700.20	100	0.08	YELLOW	5	788	9.63



Graduated Pipettes Type-3 (Serological), Class AS



- Individual certificate
- These pipettes are for complete delivery having 0 point at top
- Manufactured from Boro 3.3

Item Code	Capacity (ml)	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.1700.21	0.1	0.006	WHITE	1	435	5.32
SL.1700.22	0.2	0.006	BLACK	1	435	5.32
SL.1700.23	1	0.007	YELLOW	1	381	4.66
SL.1700.24	2	0.01	BLACK	1	400	4.89
SL.1700.25	5	0.03	RED	1	435	5.32
SL.1700.26	10	0.05	ORANGE	1	498	6.09
SL.1700.27	25	0.1	WHITE	1	591	7.22
SL.1700.28	30	0.03	BLACK	1	795	9.72
SL.1700.29	40	0.05	WHITE	1	795	9.72
SL.1700.30	50	0.05	RED	1	795	9.72
SL.1700.31	100	0.08	YELLOW	1	1395	17.05



Pipettes

Graduated Pipettes Type-3 (Serological), USP

- Individual certificate
- Compliance with USP Standard
- These pipettes are for complete delivery having 0 point at top
- Manufactured from Boro 3.3

Item Code	Capacity (ml)	Sub Division	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.U700.01	0.1	0.01	0.01	WHITE	5	490	5.99
SL.U700.02	0.2	0.01	0.01	BLACK	5	490	5.99
SL.U700.03	1	0.01	0.01	YELLOW	5	390	4.77
SL.U700.04	2	0.02	0.01	BLACK	5	385	4.71
SL.U700.05	5	0.05	0.02	RED	5	454	5.55
SL.U700.06	10	0.1	0.03	ORANGE	5	505	6.17
SL.U700.07	25	0.1	0.05	WHITE	5	605	7.39



Graduated Pipettes Type-3 (Serological), USP

- Batch certificate
- Compliance with USP Standard
- These pipettes are for complete delivery having 0 point at top
- Manufactured from Boro 3.3

Item Code	Capacity (ml)	Sub Division	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.U700.B1	0.1	0.01	0.01	WHITE	5	390	4.77
SL.U700.B2	0.2	0.01	0.01	BLACK	5	390	4.77
SL.U700.B3	1	0.01	0.01	YELLOW	5	290	3.54
SL.U700.B4	2	0.02	0.01	BLACK	5	285	3.48
SL.U700.B5	5	0.05	0.02	RED	5	354	4.33
SL.U700.B6	10	0.1	0.03	ORANGE	5	405	4.95
SL.U700.B7	25	0.1	0.05	WHITE	5	505	6.17



Pipettes



Graduated Pipettes Type-3 (Serological), Class B

- These pipettes are for complete delivery having 0 point at top
- Manufactured from Boro 3.3

Item Code	Capacity (ml)	Sub Division	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.CBP.001	0.1	0.01	0.005	WHITE	6	137	1.67
SL.CBP.002	0.2	0.01	0.008	BLACK	6	134	1.64
SL.CBP.003	1	0.1	0.02	RED	6	130	1.59
SL.CBP.004	1	0.01	0.02	YELLOW	6	124	1.52
SL.CBP.005	2	0.1	0.02	GREEN	6	138	1.69
SL.CBP.006	5	0.1	0.04	BLUE	6	134	1.64
SL.CBP.007	10	0.1	0.06	ORANGE	6	158	1.93
SL.CBP.008	25	0.1	0.1	WHITE	2	250	3.06



Graduated Pipettes Type 1 (Mohr), Class AS

- Individual Certified
- Made of Boro 3.3
- These pipettes are for partial delivery having 0 point at top



Item Code	Capacity (ml)	Sub Division	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.MA.001	0.1	0.01	0.006	WHITE	5	435	5.32
SL.MA.002	0.2	0.01	0.006	BLACK	5	435	5.32
SL.MA.003	1	0.01	0.007	YELLOW	5	381	4.66
SL.MA.004	1	0.1	0.007	RED	5	357	4.36
SL.MA.005	2	0.02	0.01	BLACK	5	400	4.89
SL.MA.006	2	0.1	0.01	GREEN	5	371	4.53
SL.MA.007	5	0.05	0.03	RED	5	469	5.73
SL.MA.008	5	0.1	0.03	BLUE	5	435	5.32
SL.MA.009	10	0.1	0.05	ORANGE	5	499	6.10
SL.MA.010	25	0.1	0.1	WHITE	5	590	7.21



Pipettes

Graduated Pipettes Type 1 (Mohr), Class AS

- Batch Certified
- Made of Boro 3.3
- These pipettes are for partial delivery having 0 point at top

Item Code	Capacity (ml)	Sub Division	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.MA.B1	0.1	0.01	0.006	WHITE	5	335	4.09
SL.MA.B2	0.2	0.01	0.006	BLACK	5	335	4.09
SL.MA.B3	1	0.01	0.007	YELLOW	5	281	3.43
SL.MA.B4	1	0.1	0.007	RED	5	257	3.14
SL.MA.B5	2	0.02	0.01	BLACK	5	300	3.67
SL.MA.B6	2	0.1	0.01	GREEN	5	271	3.31
SL.MA.B7	5	0.05	0.03	RED	5	369	4.51
SL.MA.B8	5	0.1	0.03	BLUE	5	335	4.09
SL.MA.B9	10	0.1	0.05	ORANGE	5	399	4.88
SL.MA.B10	25	0.1	0.1	WHITE	5	490	5.99



Graduated Pipettes (Mohr), CLASS-B

- Made of Boro 3.3
- These pipettes are for partial delivery having 0 point at top

Item Code	Capacity (ml)	Sub Division	Tolerance (± ml)	Colour Code	Pack of	INR/Pc	USD/PC
SL.MB.001	0.1	0.01	0.005	WHITE	6	138	1.69
SL.MB.002	0.2	0.01	0.008	BLACK	6	136	1.66
SL.MB.003	1	0.1	0.02	RED	6	134	1.64
SL.MB.004	1	0.01	0.02	YELLOW	6	124	1.52
SL.MB.005	2	0.1	0.02	GREEN	6	136	1.66
SL.MB.006	5	0.1	0.04	BLUE	6	144	1.76
SL.MB.007	10	0.1	0.06	ORANGE	6	156	1.91
SL.MB.008	25	0.1	0.1	WHITE	2	250	3.06



Pipettes

Volumetric Pipettes, 1 mark, Class AS

- With Batch Certificate
- Made of Boro 3.3



Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Coding Band	Pack of	INR/Pc	USD/PC
SL.VP.17	0.5	0.005	2 BLACK	5	100	1.22
SL.VP.170	1	0.008	BLUE	5	190	2.32
SL.VP.171	2	0.01	ORANGE	5	190	2.32
SL.VP.172	3	0.01	BLACK	5	190	2.32
SL.VP.173	4	0.01	2 RED	5	190	2.32
SL.VP.174	5	0.015	WHITE	5	290	3.54
SL.VP.175	6	0.01	2 ORANGE	5	290	3.54
SL.VP.176	7	0.01	2 GREEN	5	290	3.54
SL.VP.177	8	0.02	BLUE	5	290	3.54
SL.VP.178	9	0.02	BLACK	5	290	3.54
SL.VP.179	10	0.02	RED	5	290	3.54
SL.VP.180	15	0.03	GREEN	5	290	3.54
SL.VP.181	20	0.03	YELLOW	5	290	3.54
SL.VP.182	25	0.03	BLUE	5	315	3.85
SL.VP.183	30	0.03	BLACK	5	340	4.16
SL.VP.184	40	0.05	WHITE	5	340	4.16
SL.VP.185	50	0.05	RED	5	340	4.16
SL.VP.186	100	0.08	YELLOW	5	620	7.58

Volumetric Pipettes, 1 mark, Class AS

- With Batch Certificate
- Made of Boro 3.3



Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Coding Band	Pack of	INR/Pc	USD/PC
SL.VP.18	0.5	0.005	2 BLACK	5	200	2.44
SL.VP.187	1	0.008	BLUE	5	281	3.43
SL.VP.188	2	0.01	ORANGE	5	281	3.43
SL.VP.189	3	0.01	BLACK	5	285	3.48
SL.VP.190	4	0.01	2 RED	5	304	3.72
SL.VP.191	5	0.015	WHITE	5	304	3.72
SL.VP.192	6	0.01	2 ORANGE	5	319	3.90
SL.VP.193	7	0.01	2 GREEN	5	365	4.46
SL.VP.194	8	0.02	BLUE	5	365	4.46
SL.VP.195	9	0.02	BLACK	5	365	4.46
SL.VP.196	10	0.02	RED	5	385	4.71
SL.VP.197	15	0.03	GREEN	5	435	5.32
SL.VP.198	20	0.03	YELLOW	5	505	6.17
SL.VP.199	25	0.03	BLUE	5	505	6.17
SL.VP.200	30	0.03	BLACK	5	505	6.17
SL.VP.201	40	0.05	WHITE	5	505	6.17
SL.VP.202	50	0.05	RED	5	615	7.52
SL.VP.203	100	0.08	YELLOW	5	929	11.35

Pipettes

Volumetric Pipettes, 1 mark, Class B

- Made of Boro 3.3

Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Coding Band	Pack of	INR/Pc	USD/PC
SL.CB.V1	0.5	0.012	2 BLACK	5	100	1.22
SL.CB.V17	1	0.012	BLUE	5	130	1.59
SL.CB.V18	2	0.012	ORANGE	5	130	1.59
SL.CB.V19	3	0.02	BLACK	5	135	1.65
SL.CB.V20	4	0.02	2 RED	5	135	1.65
SL.CB.V21	5	0.02	WHITE	5	135	1.65
SL.CB.V22	6	0.03	2 ORANGE	5	155	1.89
SL.CB.V23	7	0.03	2 GREEN	5	155	1.89
SL.CB.V24	8	0.04	BLUE	5	155	1.89
SL.CB.V25	9	0.04	BLACK	5	155	1.89
SL.CB.V26	10	0.04	RED	5	155	1.89
SL.CB.V27	15	0.06	GREEN	5	190	2.32
SL.CB.V28	20	0.06	YELLOW	5	196	2.40
SL.CB.V29	25	0.06	BLUE	5	196	2.40
SL.CB.V30	30	0.06	BLACK	5	196	2.40
SL.CB.V31	40	0.1	WHITE	5	196	2.40
SL.CB.V32	50	0.1	RED	5	233	2.85
SL.CB.V33	100	0.16	YELLOW	5	350	4.28



Volumetric pipette, class AS, brown graduation, 2 marks

- With Individual Certificate
- Made of Boro 3.3
- With 2 Marks

Item	Capacity (ml)	Tolerance (\pm ml)	Length	Color Code	INR/Pc	USD/PC
SL.VTM014	1	0,008	325	blue	281	3.43
SL.VTM015	2	0,01	350	orange	285	3.48
SL.VTM016	3	0,01	350	orange	304	3.72
SL.VTM017	5	0,015	410	white	319	3.90
SL.VTM018	10	0,02	450	red	385	4.71
SL.VTM019	15	0,03	520	green	435	5.32
SL.VTM020	20	0,03	520	yellow	505	6.17
SL.VTM021	25	0,03	530	blue	537	6.56
SL.VTM022	50	0,05	550	red	615	7.52
SL.VTM023	100	0,08	600	yellow	929	11.35



Pipettes

Volumetric Pipettes 1 mark, Class AS, Batch Certificate, USP

- With Batch Certificate
- Made of Boro 3.3



Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Coding Band	Pack of	INR/Pc	USD/PC
SL.CB.U.16	0.5	0.006	2 BLACK	5	200	2.44
SL.CB.U.17	1	0.006	BLUE	5	250	3.06
SL.CB.U.18	2	0.006	ORANGE	5	270	3.30
SL.CB.U.19	3	0.01	BLACK	5	270	3.30
SL.CB.U.20	4	0.01	2 RED	5	270	3.30
SL.CB.U.21	5	0.01	WHITE	5	300	3.67
SL.CB.U.22	6	0.01	2 ORANGE	5	300	3.67
SL.CB.U.23	7	0.01	2 GREEN	5	300	3.67
SL.CB.U.24	8	0.02	BLUE	5	300	3.67
SL.CB.U.25	9	0.02	BLACK	5	300	3.67
SL.CB.U.26	10	0.02	RED	5	320	3.91
SL.CB.U.27	15	0.03	GREEN	5	400	4.89
SL.CB.U.28	20	0.03	YELLOW	5	450	5.50
SL.CB.U.29	25	0.03	BLUE	5	450	5.50
SL.CB.U.30	30	0.03	BLACK	5	450	5.50
SL.CB.U.31	40	0.05	WHITE	5	450	5.50
SL.CB.U.32	50	0.05	RED	5	450	5.50
SL.CB.U.33	100	0.08	YELLOW	5	625	7.64

Volumetric Pipettes 1 mark, Class AS, Individual Certificate, USP

- With Batch Certificate
- Made of Boro 3.3



Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Coding Band	Pack of	INR/Pc	USD/PC
SL.CB.UI.1	0.5	0.006	2 BLACK	5	280	3.42
SL.CB.UI.17	1	0.006	BLUE	5	310	3.79
SL.CB.UI.18	2	0.006	ORANGE	5	330	4.03
SL.CB.UI.19	3	0.01	BLACK	5	330	4.03
SL.CB.UI.20	4	0.01	2 RED	5	340	4.16
SL.CB.UI.21	5	0.01	WHITE	5	380	4.64
SL.CB.UI.22	6	0.01	2 ORANGE	5	375	4.58
SL.CB.UI.23	7	0.01	2 GREEN	5	375	4.58
SL.CB.UI.24	8	0.02	BLUE	5	375	4.58
SL.CB.UI.25	9	0.02	BLACK	5	375	4.58
SL.CB.U.26	10	0.02	RED	5	385	4.71
SL.CB.UI.27	15	0.03	GREEN	5	440	5.38
SL.CB.UI.28	20	0.03	YELLOW	5	505	6.17
SL.CB.UI.29	25	0.03	BLUE	5	540	6.60
SL.CB.UI.30	30	0.03	BLACK	5	540	6.60
SL.CB.UI.31	40	0.05	WHITE	5	540	6.60
SL.CB.UI.32	50	0.05	RED	5	630	7.70
SL.CB.UI.33	100	0.08	YELLOW	5	950	11.61

STOPCOCK TUBES JOINTS



Tubes

Culture Tube

- Tubes Round Bottom With Screw Thread And Teflon Line
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Screw Thread and Teflon Liner
- Leakproof
- Comes with PP Screw Cap



Item Code	O.D. x Height(mm)	Capacity	Pack of	INR/Pc	USD/PC
SL.2201.01	12X 100 MM	5 ML	100	26	0.32
SL.2201.02	12X 75 MM	5 ML	100	33	0.40
SL.2201.03	16 X 100MM	10 ML	100	36	0.44
SL.2201.04	16 X 125 MM	15ML	100	43	0.53
SL.2201.05	16 X 160MM	20ML	100	44	0.54
SL.2201.06	18X 180 MM	30 ML	100	45	0.55
SL.2201.07	20X100 MM	15 ML	100	36	0.44
SL.2201.08	20X200 MM	40 ML	100	51	0.62
SL.2201.09	22X200 MM	45 ML	100	34	0.42
SL.2201.10	25 X 100 MM	25 ML	100	58	0.71
SL.2201.11	25 X 150 MM	50 ML	100	63	0.77
SL.2201.12	25 X 200 MM	60 ML	50	63	0.77
SL.2201.13	38 X 200 MM	150 ML	50	280	3.42
SL.2201.14	32 X 200 MM	100 ML	50	260	3.18

Culture Tube

- Tubes Flat Bottom With Screw Thread And Teflon Line
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Screw Thread and Teflon Liner
- Leakproof
- Comes with PP Screw Cap



Item Code	O.D. x Height(mm)	Capacity	Pack of	INR/Pc	USD/PC
SL.2201F.01	12X 100 MM	5 ML	100	26	0.32
SL.2201F.02	12X 75 MM	5 ML	100	33	0.40
SL.2201F.03	16 X 100MM	10 ML	100	36	0.44
SL.2201F.04	16 X 125 MM	15ML	100	43	0.53
SL.2201F.05	16 X 160MM	20ML	100	44	0.54
SL.2201F.06	18X 180 MM	30 ML	100	45	0.55
SL.2201F.07	20X100 MM	15 ML	100	36	0.44
SL.2201F.08	20X200 MM	40 ML	100	51	0.62
SL.2201F.09	22X200 MM	45 ML	100	34	0.42
SL.2201F.10	25 X 100 MM	25 ML	100	58	0.71
SL.2201F.11	25 X 150 MM	50 ML	100	63	0.77
SL.2201F.12	25 X 200 MM	60 ML	50	63	0.77
SL.2201F.13	38 X 200 MM	150 ML	50	280	3.42
SL.2201F.14	32X200 MM	100 ML	50	260	3.18
SL.2201F.15	25X75 MM	15 ML	100	56	0.68
SL.2201F.16	25X75 MM	20 ML	100	58	0.71
SL.2201F.17	25X95 MM	30 ML	100	60	0.73

Tubes

Centrifuge Tube Conical Bottom

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

Item Code	Description	Capacity (ML)	Pack	INR/Pc	USD/PC
SL.CB02.01	PLAIN	110X15MM	10ML	42	0.51
SL.CB02.02	PLAIN	120X17MM	15ML	46	0.56
SL.CB02.03	PLAIN	125X22MM	25ML	140	1.71
SL.CB02.04	PLAIN	125 X28MM	50ML	186	2.27
SL.CB02.05	GRADUATED	15X110MM	5ML	42	0.51
SL.CB02.06	GRADUATED	17 X 120 MM	10ML	93	1.14
SL.CB02.07	GRADUATED	17 X 120 MM	15ML	118	1.44
SL.CB02.08	GRADUATED	29 X 135 MM	50ML	118	1.44



Test Tube, Re-usable With Rim, I

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Rim
- Uniform wall Thickness

Item Code	O.D. x Height(mm)	Capacity (ml)	Thickness (mm)	Pack of	INR/Pc	USD/PC
SL.2200.01	10X75MM	3 ML	1	100	4	0.05
SL.2200.02	12X75MM	5 ML	1	100	5	0.06
SL.2200.03	12X100MM	7 ML	1	100	5	0.06
SL.2200.04	13 X 100MM	10 ML	1	100	5	0.06
SL.2200.05	15X125MM	13 ML	1.2	100	8	0.10
SL.2200.06	15X150MM	15 ML	1.2	100	10	0.12
SL.2200.07	16 X 100 MM	14 ML	1.2	100	12	0.15
SL.2200.07A	16 X 125 MM	15ML	1.2	100	12	0.15
SL.2200.08	16X150MM	20 ML	1.2	100	12	0.15
SL.2200.08A	16X160MM	20 ML	1.2	100	15	0.18
SL.2200.09	18X150MM	27 ML	1.2	100	19	0.23
SL.2200.09B	18X100MM	25ML	1.2	100	19	0.23
SL.2200.09A	18X180MM	27 ML	1.2	100	19	0.23
SL.2200.09B	20X100MM	27ML	1.2	100	19	0.23
SL.2200.09D	20X150 MM	38ML	1.2	100	19	0.23
SL.2200.09C	20X200 MM	50 ML	1.2	100	19	0.23
SL.2200.10A	22X175 MM	38ML	1.2	100	19	0.23
SL.2200.10	25X100MM	39 ML	1.2	100	15	0.18
SL.2200.11	25X150MM	55 ML	1.2	100	20	0.24
SL.2200.12	25X200MM	70 ML	1.2	100	27	0.33
SL.2200.13	32X200MM	100 ML	1.4	100	44	0.54
SL.2200.14	38X200MM	170 ML	1.4	100	55	0.67



Tubes

Test Tube, Re-usable Without Rim,

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

Item Code	O.D. x Height (mm)	Capacity (ml)	Thickness (mm)	Pack of	INR/Pc	USD/PC
SL.WR.01	10X75MM	3 ML	1	100	7	0.09
SL.WR.02	12X75MM	5 ML	1	100	7	0.09
SL.WR.03	12X100MM	7 ML	1	100	11	0.13
SL.WR.04	13 X 100MM	10 ML	1	100	11	0.13
SL.WR.05	15X125MM	13 ML	1.2	100	13	0.16
SL.WR.06	15X150MM	15 ML	1.2	100	15	0.18
SL.WR.07	16 X 100 MM	14 ML	1.2	100	15	0.18
SL.WR.08	16 X 125 MM	15ML	1.2	100	15	0.18
SL.WR.09	16X150MM	20 ML	1.2	100	15	0.18
SL.WR.10	16X160MM	20 ML	1.2	100	15	0.18
SL.WR.11	18X150MM	27 ML	1.2	100	16	0.20
SL.WR.12	18X100MM	25ML	1.2	100	19	0.23
SL.WR.13	18X180MM	27 ML	1.2	100	19	0.23
SL.WR.14	20X100MM	27ML	1.2	100	19	0.23
SL.WR.15	20X150MM	38ML	1.2	100	23	0.28
SL.WR.16	20X200MM	50 ML	1.2	100	19	0.23
SL.WR.17	22X175MM	38ML	1.2	100	19	0.23
SL.WR.18	25X100MM	39 ML	1.2	100	15	0.18
SL.WR.19	25X150MM	55 ML	1.2	100	20	0.24
SL.WR.20	25X200MM	70 ML	1.2	100	32	0.39
SL.WR.21	32X200MM	100 ML	1.4	100	49	0.60
SL.WR.22	38X200MM	170 ML	1.4	50	60	0.73



BORO
3.3
GLASS



WHITE
PRINTING



Weighing Scoops

- Has open tubular arm
- Suitable for use when small quantity of dyes or powders are to be weighed
- Made of Boro 3.3

Item Code	Cap. (ml)	Pack of	INR/Pc	USD/PC
SL.2100.01	3	10	195	2.38
SL.2100.02	6	10	195	2.38
SL.2100.03	10	10	234	2.86

BORO
3.3
GLASS



WHITE
PRINTING

Joists

Sockets

- Made of Boro 3.3

Item Code	Products	INR/Pc	USD/PC
SL.I.001	Socket Single NS 7/16	62	0.76
SL.I.002	Socket Single NS 10/19	75	0.92
SL.I.003	Socket Single NS 12/21	89	1.09
SL.I.004	Socket Single NS 14/23	97	1.19
SL.I.005	Socket Single NS 19/26	104	1.27
SL.I.006	Socket Single NS 24/29	112	1.37
SL.I.007	Socket Single NS 29/32	169	2.07
SL.I.008	Socket Single NS 34/35	219	2.68
SL.I.009	Socket Single NS 40/38	310	3.79
SL.I.010	Socket Single NS 45/40	377	4.61
SL.I.011	Socket Single NS 50/42	464	5.67
SL.I.012	Socket Single NS 55/44	645	7.88



Sockets Full Length

- Made of Boro 3.3

Item Code	Products	INR/Pc	USD/PC
SL.I.051	Socket full length Single NS 7/25	97	1.19
SL.I.052	Socket full length Single NS 10/30	97	1.19
SL.I.053	Socket full length Single NS 12/32	104	1.27
SL.I.054	Socket full length Single NS 14/35	104	1.27
SL.I.055	Socket full length Single NS 19/38	110	1.34
SL.I.056	Socket full length Single NS 24/29	157	1.92
SL.I.057	Socket full length Single NS 29/42	212	2.59
SL.I.058	Socket full length Single NS 34/45	314	3.84
SL.I.059	Socket full length Single NS 45/50	408	4.99



Joists



Sockets

- Made of Boro 3.3

Item Code	Products	INR/Pc	USD/PC
SL.I.037	Socket Double NS 7/16	75	0.92
SL.I.038	Socket Double NS 10/19	104	1.27
SL.I.039	Socket Double NS 14/23	110	1.34
SL.I.040	Socket Double NS 19/26	140	1.71
SL.I.041	Socket Double NS 24/29	176	2.15
SL.I.042	Socket Double NS 29/32	242	2.96
SL.I.043	Socket Double NS 34/35	314	3.84



Cone Double

- Made of Boro 3.3

Item Code	Products	INR/Pc	USD/PC
SL.I.044	Cone Double NS 7/16	75	0.92
SL.I.045	Cone Double NS 10/19	104	1.27
SL.I.046	Cone Double NS 14/23	110	1.34
SL.I.047	Cone Double NS 19/26	140	1.71
SL.I.048	Cone Double NS 24/29	176	2.15
SL.I.049	Cone Double NS 29/32	242	2.96
SL.I.050	Cone Double NS 34/35	314	3.84

Joists

Cone Double with Tip

- Made of Boro 3.3

Item Code	Products	INR/Pc	USD/PC
SL.I.025	Cone with tip NS 7/16	87	1.06
SL.I.026	Cone with tip NS 10/19	110	1.34
SL.I.027	Cone with tip NS 12/21	130	1.59
SL.I.028	Cone with tip NS 14/23	140	1.71
SL.I.029	Cone with tip NS 19/26	155	1.89
SL.I.030	Cone with tip NS 24/29	160	1.96
SL.I.031	Cone with tip NS 29/32	200	2.44
SL.I.032	Cone with tip NS 34/35	260	3.18
SL.I.033	Cone with tip NS 40/38	361	4.41
SL.I.034	Cone with tip NS 45/40	405	4.95
SL.I.035	Cone with tip NS 50/42	500	6.11
SL.I.036	Cone with tip NS 55/44	673	8.23

Cone Single

- Made of Boro 3.3

Item Code	Products	INR/Pc	USD/PC
SL.I.013	Cone Single NS 7/16	62	0.76
SL.I.014	Cone Single NS 10/19	74	0.90
SL.I.015	Cone Single NS 12/21	89	1.09
SL.I.016	Cone Single NS 14/23	97	1.19
SL.I.017	Cone Single NS 19/26	104	1.27
SL.I.018	Cone Single NS 24/29	112	1.37
SL.I.019	Cone Single NS 29/32	169	2.07
SL.I.020	Cone Single NS 34/35	219	2.68
SL.I.021	Cone Single NS 40/38	306	3.74
SL.I.022	Cone Single NS 45/40	378	4.62
SL.I.023	Cone Single NS 50/42	465	5.68
SL.I.024	Cone Single NS 55/44	646	7.90

Cone Full Length In Compliance To Din 12249

- Made of Boro 3.3

Item Code	Products	INR/Pc	USD/PC
SL.I.060	Cone full length Single NS 7/16	97	1.19
SL.I.061	Cone full length Single NS 10/19	97	1.19
SL.I.062	Cone full length Single NS 12/21	104	1.27
SL.I.063	Cone full length Single NS 14/23	104	1.27
SL.I.064	Cone full length Single NS 19/26	110	1.34
SL.I.065	Cone full length Single NS 24/29	157	1.92
SL.I.066	Cone full length Single NS 29/32	212	2.59
SL.I.067	Cone full length Single NS 34/35	314	3.84
SL.I.068	Cone full length Single NS 45/50	408	4.99



Stopcocks

Hollow Stoppers



Item Code	Products	INR/Pc	USD/PC
SL.I.098	Stopper Hollow Hexa, flat bottom 10/19	39	0.48
SL.I.099	Stopper Hollow Hexa, flat bottom 14/23	51	0.62
SL.I.100	Stopper Hollow Hexa, flat bottom 19/26	77	0.94
SL.I.101	Stopper Hollow Hexa, flat bottom 24/29	106	1.30
SL.I.102	Stopper Hollow Hexa, flat bottom 29/32	142	1.74
SL.I.103	Stopper Hollow Hexa, flat bottom 34/35	187	2.29
SL.I.104	Stopper Hollow Hexa with tip 10/19	43	0.53
SL.I.105	Stopper Hollow Hexa with tip 14/23	51	0.62
SL.I.106	Stopper Hollow Hexa with tip 19/26	77	0.94
SL.I.107	Stopper Hollow Hexa with tip 24/29	106	1.30
SL.I.108	Stopper Hollow Hexa with tip 29/32	150	1.83
SL.I.109	Stopper Hollow Hexa with tip 34/35	187	2.29

PTFE Needle, Straight



Item	Bore	Pack of	INR/Pc	USD/PC
SL.SP.01	0-3	10	200	2.44
SL.SP.02	0-6	10	300	3.67

Stopcocks

PTFE Key Stopcock, Straight

Item	Size	Bore	Pack of	INR/Pc	USD/PC
SL.SP.03	12.5	2.5	10	300	3.67
SL.SP.04	14.5	2.5	10	452	5.52
SL.SP.05	14.5	4	10	452	5.52
SL.SP.06	18.8	6	10	700	8.56



Glass Stopcock Straight

Item	Size	Bore	Pack of	INR/Pc	USD/PC
SL.SP.07	12.5	2.5	10	200	2.44
SL.SP.08	14.5	2.5	10	252	3.08
SL.SP.09	14.5	4	10	252	3.08
SL.SP.10	18.8	6	10	600	7.33



Stopcocks



PTFE Needle Valve Stopcock, For Burette

Item	Bore	Pack of	INR/Pc	USD/PC
SL.SP.11	0-3	10	300	3.67



PTFE Key Stopcock, For Burette

Item	Size (mm)	Bore	Pack of	INR/Pc	USD/PC
SL.SP.12	12.5	2.5	10	350	4.28



Glass Key Stopcock, For Burette

Item	Bore	Pack of	INR/Pc	USD/PC
SL.SP.13	0-3	10	200	2.44



Stopcocks

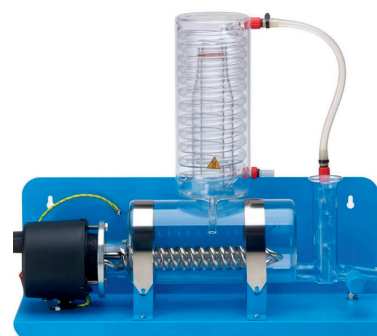
Water Distillation Units

Single & Double Full Set consist of :

- Horizontal type boiler borosilicate glass.
- Condenser
- Constant level device
- Silica sheathed (Quartz) heater
- With Stand and clamp etc.

Features :

- Borosilicate condenser and boiler are fitted with a removable silica sheath (Quartz) heater.
- Distillate temperature is around 65 to 75 degree Celsius which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler fails below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- The model is equipped with Low water sensor to protect the Glass part in case of water failure.



BORO
3.3
GLASS

Chemical
Resistant

GLASS

Single Stage Distillation Unit

Item Code	Output Capacity Ltr/Hr	Pack of	INR/Pc	USD/PC
SLSSD.1	1.5	1	20500	250.55
SLSSD.2	2.5	1	32300	394.77
SLSSD.3	4	1	37300	455.88

Technical Data : Rubber ware

SILICON RUBBER TUBING

Suitable for Laboratory, Pharmaceutical and industrial use. It has specific advantages over other types such as latex, usual synthetic rubber and plastic tubing.

1. Silicon Rubber Tubing is suitable for use over a temperature range of -50°C to 250°C hence useful for transfer of hot liquids.
2. It can be sterilized by steam (autoclave) or by hot air. This finds applications for use under aseptic conditions.
3. The tubing is odourless it does not impart any smell or taste to liquid passing through it. It is suitable for transfer of pharmaceutical liquids, beverages and other food preparations.
4. The Silicon Rubber used for making tubing is of superior grade. Tubing is not irritant to skin.
5. The tubing is highly elastic and hence suitable for use with peristaltic pump.
6. Silicon Rubber is attacked by strong acid, strong alkalies, oils, bromine, carbon tetrachloride and toluene. The tubing is not recommended for use with these materials. Silicon Rubber tubing is Transparent to Translucent.

NATURAL RUBBER TUBING

Made from Rubber Trees

Shore hardness : 45

Density : 1.13

Temperature range : -30°C to 110°C light

It is resistant to dilute acid, alkalies, ammonia etc. Rubber Tubing light flexible for transferring gasses.

Technical Data

LOW EXPANSION BOROSILICATE GLASS

Form the 16th century to today, chemical research teams have used glass containers for a very basic reason the glass containers is transparent, almost invisible. And so the contents and the reaction are clearly visible, But because chemists must heat, cool and mix chemical substance, ordinary glass is not always adequate for laboratory works.

Laboratory works requires apparatus made in a glass. Which can readily be moulded into any desired shape or form, which offers maximum inertness when in contact with the widest range of chemical substance, which can withstand thermal shock with fracture and high temperature work without deforming, and which will be resilient enough to survive the everyday knocks to which it will be subjected in normal laboratory handling, washing and sterilizing processes.

Chemical Composition

Star labs Glassware is a low alkali borosilicate composition. Its typical chemical composition is PERCENTAGE BY WEIGHT given under. It is virtually free of magnesia-lime-Zinc group and contains only traces of heavy metals.

PERCENTAGE BY WEIGHT

SiO ₂	81%
B ₂ O ₃	13%
Na ₂ O	4%

Thermal Properties

As the coefficient of thermal expansion of Borosilicate glass is low, the thermal stresses under a given

Temperature gradient are consequently low and the glass can withstand higher temperature Gradients and also, sudden temperature changes/thermal shock. Minute scratching of glass surface can however reduce its thermal resistance.

In general, the Strain Point should be regarded as the maximum safe operating Temperature of Star Labs glassware. When heated above 500°C the glass may acquire permanent stresses on cooling. All Star Labs labware is annealed in modern ovens under strictly controlled conditions to ensure minimal residual stress in the products.

Coefficient of Linear Expansion	32.5x10 ⁻⁷ °C
Strains Point	515°C
Annealing Point	565°C
Softening Point	820°C
Specific Heat	0.2
Thermal conductivity (Cal/cm ³ /oC/Sec)	0.0027

Star Labs Glassware in highly resistance to water, neutral and acid CONTACT CHEMICAL DURATION LOSS IN solutions, concentrated acid and their mixtures as well as to chloride, bromine, iodine and organic matters. Even during extended period of reaction and at temperatures above 100C, its chemical resistance exceeds that of most metals and other materials. It can withstand repeated dry and wet sterilisation without surface deterioration and subsequent contamination. Resistance to attack of various chemicals is shown under. Only hydrofluoric acid, very hot phosphoric acid and alkaline solutions increasingly attack the glass surface with rising concentration and temperature.

Fabrication with Borosilicate Glass

Due to low expansion of glass and easy workability, this glass can be shaped, formed, joined into complicated apparatus. It can be done even by an analyst in his own laboratory. He can keep on changing till he gets what he needs. In case where annealing in a controlled oven is difficult he can do so by flame annealing which is also great advantage.

Optical Properties

Laboratory glassware made from borosilicate glass shows no noticeable absorption in the visible of the spectrum. It appear consequently clear and colourless.

When treated with proper care Star labs laboratory apparatus will give a long and satisfactory service. The following prepared notes are to assist users in obtaining the maximum life and performance from their apparatus. Our sales department will be happy to advise on any aspect concerning the safe use of our products.

CONTACT CHEMICAL	DURATION IN HOUR	LOSS IN WT. MG/M ²
WATER DISTILLED AT 100°C	6	10
Water Vapour steam at 121°C	1	75
Acid HCl	6	100
80% H ₂ SO ₄ at 130°C	12	140
Alkali-1N soln. of Na ₂ CO ₃ boiling	6	4000
Infusion Fluids Isotonic		
NaCl (0.85%) 121°C	2.5	70
Glucose (5%) 121°C	2.5	50

Care & Maintenance

HEATING AND COOLING

GLASS MAY SUFFER IN THREE WAYS:

It may break under thermal stress in the steady state, that is when there is established constant thermal gradient through the glass.

It may break under the transient stress of a 'thermal shock', that is sudden heating or cooling.

It may, if heated beyond certain temperature, acquire a permanent stress on cooling which could cause subsequent failure. The following precautionary measures will assist in avoiding failures during heating and cooling procedure.

- 01 . Never leave vessel unattended when evaporation work is being carried out. The vessel may crack or explode as dryness condition is approached if the heat source is not adjusted correctly. Lower the temperature gradually as the liquid level drops.
02. Always use caution when removing glassware from a heat source and avoid placing on a cold or damp surface. Although the ware can withstand extreme temperatures, sudden temperature changes may cause the vessel to break.
- 03 . Always cool vessels slowly to prevent thermal breakage.
- 04 . Never apply heat to badly scratched or etched vessel as the thermal strength will have been greatly reduced.
- 05 . Never apply point source heating to a vessel as this will greatly increase the chance of breakage .
- 06 . Always diffuse the heat source by using metal gauze or air/water bath. Alternatively ensure even heating of the vessel by slow movement of the vessel in relation to the heat source.
- 07 . Adjust Bunsen burner to get a large soft flame. It will heat slowly but also more uniformly. Uniform heat is critical factor for some chemical reactions.
- 08 . Ensure that the flame contacts the vessel below the liquid level. Heating above that level will invite breakage of the vessels.
- 09 . Always use anti-bumping devices in the vessel, such as powered pumice or glass wool rapid heating of the vessel and contents is required.
- 10 . Never use material with sharp edges such as broken porcelain as an anti- bumping device. This will cause internal abrasions and reduce the mechanical and thermal strength of the vessel.
- 11 . Thick walled glassware should not be subjected to direct flame or other localized heat source. Vessels of this type are best heated with the use of an electric immersion heater.
- 12 . Avoid heating glassware over electric heaters with open elements . Uneven heat of this type can include localized stress and increase the chance of breakage.
- 13 . Remember that the hot plate will retain heat long after the appliance has been switched off.
- 14 . Always ensure that the surface of the hot plate is larger in area than the base of the vessel being heated. An under-sized plate of the job in hand will invite uneven heating and promote breakage of glassware.
- 15 . Always ensure that manufacturer's instructions are followed when electrical heat sources.

Mixing and Srirring

01 . Always use a policemen's or similar device on stirring rods to prevent scratching the inside of a vessel.

02 . When using a glass vessel with a magnetic stirrer always use a covered followers to prevent abrading the inside of the vessel.

03 . When using glass or metal mechanical stirrer in a glass vessel always predetermine the height of the stirrer before use to ensure there is no contact between the stirrer blade and the bottom or sides of the vessel.

04 . Never mix sulphuric acid and water inside a glass measuring cylinder. The heat of reaction can break the base of the cylinder.

Vacuum and pressure

01 . Never use a glassware beyond the recommended safe limit.

02 . Always use a safty screen when working with glassware subjected to pressure of vacuum.

03 . Never subject glassware to sudden pressure changes. Always apply and release positive and negative pressures gradually.

Joining and Separating glass apparatus

01. When storing glass stopcocks and joints, insert a thin strip of paper between joint surfaces to prevent sticking.

02. Never store stopcocks for long periods with lubricant still on the ground surfaces.

03. Glass stopcocks on Burettes and Separation Funnels should be lubricated frequently to prevent sticking.

04. If a ground joint sticks, separation can generally be achieved by carefully recking the cone in the socket, or gently tapping of the socket flange on a wooden surface, or by heating the socket and not the cone in a localised flame. The use of penetrating oil will often prove useful in aiding separation.

05. In using lubricants it is advisable to apply light coat of grease completely around the upper part of the joint. Use only a small amount and avoid greasing that part of the joint which contacts the inner part of apparatus.

06. Three type of lubricants are commonly use on standard taper joints Hydrocarbon grease is the most widely used. It can be easily remove by most laboratory solvents, including acetone. Because hydrocarbon grease is so easily removable, silicon grease is often preferred for higher temperature or high vacuum applications. It can be removed readily with chloroform. For long term reflux or extraction reactions, a water soluble, organic and insoluble grease, such as glycerin is suitable. Water will clean glycerin. There are other type of greases which can be used specifically when certain reagents are used in the Burettes or separating Funnels.

07. The use of water, oil or glycerol is recommended on both tubing and rubber bung when inserting glass tubing into a bung. Always wear heavy protective gloves or similar protection when carrying out this operation.

08. Always fire polish rough ends of glass tubing before attempting to insert into flexible tubing. The lubricants recommended above may also prove useful.

09. Never attempt to pull a thermometer out of a rubber bung. Always cut the bung away.

PERSONAL SAFETY

01. Use tongs or asbestos gloves to remove all glassware from heat. Hot glassware can cause severe burns.

02. Protective gloves, safety shoes, aprons, and goggles should be worn as safety chemical accidents, spilling or splattering.

03. Always flush the outside of acid bottle with water before opening. Do not put the stopper on the counter top where someone else may come in contact with acid residue.

04. Special care is needed when dealing with mercury. Even the small amount of mercury in the bottom of a drawer can poison the room atmosphere. Mercury toxicity is cumulative and the element's ability to amalgamate with a number of metals is well known. After an accident involving mercury, the area should be cleaned carefully until there are no globules remaining. All mercury containers should be kept well-stoppered.

05. Never drink from a beaker. A beaker left specifically for drinking is a menace to the laboratory. Do not taste chemicals for identification. Smell chemicals only when necessary and by waiving a small amount of vapour towards the nose.

06. Avoid pipeting by mouth, particularly when using concentrated acids, alkalis or potentially biohazardous materials. Use mechanical means such as a rubber bulb or an automatic dispenser.

07. Never fill receptacle with material other than that called for by the label. Label all containers before filling. Throw away contents of unlabelled containers.

08. To avoid breakage when clamping glassware, do not permit glass-to-metal contact and do not use excessive force to tighten the clamps.

09. Do not look down into a test tube being heated or containing chemicals and do not point its open end at another person. A reaction might cause the contents to be ejected, resulting in injury.

10. Spattering from acids, caustic materials and strong oxidizing solutions on the skin or clothing should be washed off immediately with large quantities of water.

11. When working with chlorine, hydrogen sulphide, carbon monoxide, hydrogen cyanide and other very toxic substances, always use a protective mask or perform these experiments under a fume hood in a well-ventilated area.

12. In working with volatile materials, remember that heat causes expansion and confinement of expansion results in explosion. Remember also that danger exists even though external heat is not applied.

13. perchloric acid is especially dangerous because it explodes on contact with organic materials. Do not use perchloric acid around wooden benches or table. Keep perchloric acid, wear protective clothing.

14. When using hot plates and other electrical equipment's, ensure the wire and plugs are in good condition. Never handle electrical connection with damp hand.

CLEANING

Successful experimental results can only be achieved by using a clean apparatus. In all instance laboratory glassware must be physically clean, in nearly all cases it must be chemically clean and in specific cases it must be bacteriologically clean or sterile. There must be no trace of grease and the safest criteria of cleanliness is the uniform wetting of the glass surface by distilled water- this being of the utmost importance for glassware used for volumetric methods. Any prevention of uniform wetting of the surface will introduce errors such as distortion of the meniscus and accuracy of volume.

GENERAL CLEANING

01. Cleaning of glassware which has contained hazardous materials must be solely undertaken by experienced personal.

02. Must new glassware is slightly alkaline in reaction. For precision chemical tests, new glassware should be soaked several hours in acid water (1% solution hydrochloric acid or nitric acid) before washing.

03. Glassware which is contaminated alkaline with blood clots, culture media, etc must be sterilized before cleaning.

04. If Glassware become induly clouded or dirtyor contains coagulated organic matter, it must be cleaned with chromic acid cleaning solution. The dichromate's should be handle with extreme care because it is a powerful corrosive

05. Wash glassware as quickly as possible after use but if delays are unavoidable, the articles should be allowed to soak in water.

06. Grease is removed by weak sodium carbonate solution or acetone or fat solvents. Never use strong alkalis.

07. Hot water with recommended detergents should be used and if glass is exceptionally dirty a cleaning power with a mild abrasive action can be applied, provided the surface is not scratched.

08. During washing all parts of the article should be thoroughly scrubbed with a brush selected for the shape and size of the glassware. Brush should always be in good condition to avoid any abrasion of glassware.

09. When chromic acid solution is used, the item may be rinsed with the cleaning solution or it may be filled and allowed to stand. The amount of time should depend on amount of contamination on the glassware.

10. Special type of precipitate material may required removal with nitric acid, aqua regia or fuming sulphuric acid. These are very corrosive substance and should be used only when required.

It is imperative that all soap detergents and other cleaning fluids be removed from glassware before use. This is especially important with the detergents, slight trace of which will interfere with serologic and culture reactions. After cleaning, thoroughly rinse with tap water ensuring that containers are partly filled with water, shaken and emptied several times. Finally rinse with deionised or distilled water.

11. Drying can be undertaken either in basket or on pages in air or at a temperature not exceeding 120oC.

12. Always protect clean glassware from dust by use of temporary closures or by placing in a dust free cabinet. For cleaning specific type of glassware, please refer the following pages.

Cleaning Specific types of Glassware Pipettes

Place pipettes tip down, in a cylinder or tall jar of water immediately after use. Do not drop them into the jar, since this may break or chip the tips and render the pipettes useless for accurate measurements. A pad of cotton or glass at bottom of the jar will help to prevent breaking of the tips. Be certain that the water level is high enough to immerse the greater portion or all of each pipette. At a convenient time, the pipettes may then be drained and placed in a cylinder or jar of dissolved detergent or, if exceptionally dirty, in a jar of chromic acid cleaning solution. After soaking for several hours, or overnight, drain the pipettes and run tap water over and through them until all traces of dirt are removed. Soak the pipettes in distilled water for at least one hour. Remove from the distilled water, dry the outside with a cloth, shake out the water and dry.

Burettes (with glass stopcock)

01. Remove the stopcock key and wash the burette with detergent and water.

02. Rinse with tap water until all the dirt is removed. Then rinse with distilled water and dry.

03. Wash the stopcock key separately. Before the stopcock key is replaced in the burettes stopcock key are not interchangeable.

04. Always cover burettes when not in use.

Culture Tubes

01. Culture tubes which have been used previously must be sterilized before cleaning. The best general method for sterilising culture tubes is by autoclaving for 30 minutes at 121oC (15lb, pressure). Media which solidify on cooling should be poured out while the tube are emptied, brush with detergent and water, rinse thoroughly with tap water, rinse with distilled water, place in a basket and dry.

02. If tubes are to be filled with a medium which is sterilized by autoclaving, do not plug until the medium is added. Both medium & tubes are thus sterilized with one autoclave.

03. If the tubes are to be filled with a sterile medium or if they are to be sterilized by the fractional method then sterilized the tubes in the autoclave or dry air sterilizer before adding the medium.

Serological Tube

01. Serological Tubes should be chemically clean but need not be sterile. However, specimens of blood which are to be kept for some time at room temperature should be collected in a sterile container. It may be expedient to sterilize all tubes as routine.

02. To clean and sterilize tubes containing blood, discard the clots in a waste container and place the tubes in a large basket. Put the basket, with others, in a large bucket or boiler. Cover with water, add a fair quantity of soap or detergent and boil for 30 minutes. Rinse the tubes and clean with brush, rinse and dry with the usual precautions.

03. It is imperative when washing serological glassware that all acid, alkali and detergent be completely removed. Both acid and alkali in small amounts destroy complement and in large amounts produce hemolysis. Detergents interfere with serologic reactions.

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

The logo for STAR LABS features a stylized starburst or sunburst design composed of several curved, overlapping segments in shades of light blue and light orange. Below this graphic, the words "STAR LABS" are written in a light blue, sans-serif, all-caps font.

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