



Borosilicate beakers are widely used in research, industry and education. They are ideal for heating, because of the optimum balance between thermal resistance and mechanical sides, radius and bottom the spouts wherever incorporated are designated to have excellent pouring characteristics.

1000-Beakers , Griffin, Low Form, with Spout, Graduated, Borosilicate

Cap ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
5	20x25	20	43.00
10	25x32	20	47.00

25	34x45	60	55.00
50	42x55	120	44.00
100	50x73	60	47.00
150	56x83	90	53.00
250	68x95	60	54.00
400	77x110	50	86.00
500	83x115	50	89.00
600	90x120	40	90.00
1000	105x145	45	182.00
2000	131x190	6	335.00
3000	146x214	4	515.00
5000	170x265	4	780.00
10000	220x320	1	3600.00

25 ml to 10000 ml Graduated

## 1040-Beakers, Berzelius, Tall Form, without Spout, Graduated

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
50	36x70	40	75.00
100	50x80	50	76.00
250	62x116	40	77.00
500	75x137	20	120.00
1000	90x190	20	245.00

## 1060-Beakers, Berzelius, Tall Form, with Spout, Graduated Borosilicate

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
50	36x70	40	75.00
100	50x80	50	76.00
250	62x116	40	77.00
500	75x137	20	120.00
1000	90x190	20	245.00

## 1080-Beakers, Philips, Conical, with Spout, Borosilicate

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
250	75x123	50	175.00
500	87x166	40	220.00

## BOTTLES

Borosilicate bottles are available for every use. Since the aspirator, reagent and solution bottles are not used for direct heating purposes, they are made mechanically stronger with heavier wall thickness and these can withstand wet or dry sterilization. Due to excellent chemical durability of the glass, most reagents can be stored in these bottles without much effect for long durations. Plain neck solution bottles and centrifuge bottles are tooled for uniform rubber stopper fit. Roux Bottles, milk dilution Bottles are widely used for culture growth and they have flat surfaces.

## 1220-Bottles, Aspirator, With outlet for tubing Borosilicate

Cap. ml	Approx O.D. x Height of Bottle mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
250	64x147	18	20	185.00
500	80x172	23	20	210.00
1000	104x200	28	10	340.00
2000	129x265	33	5	590.00

## 1240-Bottles, Aspirator, with outlet for stopper Borosilicate

Cap. ml	Approx O.D. x Height of Bottle mm	Aprox Neck I.D. mm	Approx I.D. Outlet mm	Quantity Per Case	Maximum Price/Piece Rs
1000	104x200	28	23	10	450.00
2000	129x265	33	28	5	660.00
5000	190x320	44	28	2	4000.00
10000	215x410	54	28	1	5800.00

## 1245-Bottles, Aspirator, with interchangeable Stopper and stopcock, Borosilicate

Cap. ml	Approx O.D. x Height of Bottle mm	Aprox Neck I.D. mm	Approx I.D. Outlet mm	Quantity Per Case	Maximum Price/Piece Rs
1000	104x200	29/32	24/29	10	1380.00
2000	129x265	34/35	29/32	4	1580.00
5000	190x320	45/40	29/32	2	5600.00
10000	215x410	55/44	29/32	2	7500.00
20000	300x485	55/44	29/32	1	9500.00

## 1250-Bottles, B.O.D. with interchangeable Stopper Borosilicate

### 1060-Beakers, Berzelius, Tall Form, with Spout, Graduated Borosilicate

Cap. ml	Approx O.D. x Height of Bottle mm	Quantity Per Case	Maximum Price/Piece Rs
125	55x120	50	300.00
300	70x150	30	360.00

300ml is for determinatin of B.O.D in industrial effluents, wastes and water as per method specified by the Amercian public health Association and is numbered individually 125ml is without cup top

## 1260-Bottles, Centrifuge, Original Form Borosilicate

Cap. ml	Approx O.D. x Height of Bottle mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
250	61x145	27	30	400.00
500	73x182	27	20	575.00

For use where relatively small amounts of solids are involved, These bottles have a small bottom area which permit concentration of sediment for decanting operations. Centrifuge Bottles are properly balanced due to control ion weight and hence can be conveniently used in centrifuges

1290-Bottles, Culture, Roux, Of-Set Neck, Borosilicate

Cap ml	Approx Height mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
1000	268	25	20	400.00
Approx Cross Section 125 x 58				

1291-Bottles, Thompson, Flat Sided, off Set Neck, Borosilicate

Cap. ml	Approx Height mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
3000	340	40	4	125.00

1295-Bottles, Diphtheria Toxin Borosilicate

Cap. ml	Approx Height mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
5000	455	44	4	3000.00

1397-Bottles, Milk Dilution, Plain, With Screw Cap and Liner, Borosilicate

Cap. ml	Approx Height mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
160	150	19	50	290.00

This bottle meets the requirements for milk Dilution Bottles stated in the Standard methods for the Examination of Dairy Products. The screw caps and liner withstand repeated autoclaving. Approx Cross Section 45 x 45mm

136N-Bottles, Mc Cartney, Flat with Aluminum Screw Cap and Rubber Liner Neutral

Cap. ml	Approx WxBxH mm	Quantity Per Case	Maximum Price/Piece Rs
210	64x40x150	50	105.00

1370-Bottles, Milk Dilution, Graduated, With Screw Cap and Liner, Borosilicate

Cap. ml	Approx Height mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
160	150	19	50	315.00

Similar to NO 1367 but with a graduation mark at 99 ml capacity

1380-Screw Caps, Bakelite, with rubber Liner, Borosilicate

Quantity Per Case	Maximum Price/Piece Rs
100	7.50

These screw caps are suitable as spares for Borosilicate Milk dilution Bottles No 1367 and No 1370 These withstand repeated autoclaving.

1500-Bottles, Reagent, Plain Narrow Mouth , with Interchangeable Flat head Stoppr Boroslicate

Cap ml	Approx O.D. x Height of Bottle mm	Size of interchangeable Stopper	Quantity Per Case	Maximum Price/Piece Rs
60	45x93	14/23	40	205.00
125	55x93	19/26	50	215.00
250	64x147	19/26	60	230.00
500	80x172	24/29	40	260.00
1000	104x200	29/32	10	370.00
2000	129x265	34/35	10	635.00

1501-Bottles, Reagent, Wide Mouth with Screw Cap and Pouring Ring Graduated Boroslicate

Cap ml	Approx O.D. x Height of Bottle mm	Neck Specification Stopper	Quantity Per Case	Maximum Price/Piece Rs
30	30x75	-	20	175.00
60	45x90	-	20	190.00
100	56x100	GL 45	10	210.00
250	70x138	GL 45	10	220.00
500	86x176	GL 45	10	248.00
1000	101x196	GL 45	10	370.00
2000	136x252	GL 45	10	650.00
5000	186x346	GL 45	6	3050.00
10000	234x425	GL 45	1	4450.00
20000	288x505	GL 45	1	9030.00

These bottles are mechanically strong , chemically resistant and are provided with plastic pouring Ring for drip-free operation. All bottles starting from 100ml have only one size of Screw Thread. Screw caps and Pouring Rings are interchangeable and are made from P.P. The bottles Screw Caps and Pouring Rings can be sterilized

1505-Bottle,Wichester, Boroslicate

Cap. ml	Approx O.D. x Height mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
2500	122x310	24	4	600.00

1509-Bottle, Reagent, AMBER Narrow Mouth with Interchageable Flat Head Stopper, Boroslicate

Cap ml	Approx O.D. x Height of Bottle mm	Size of interchangeable Stopper	Quantity Per Case	Maximum Price/Piece Rs
60	45x93	14/23	20	270.00
125	55x93	19/26	20	285.00
250	64x147	19/26	30	340.00
500	80x172	24/29	20	410.00
1000	104x200	29/32	5	535.00

2000 129x265 34/35 5 910.00  
Similar in Design to Cat No 1500

1519-Bottles, Reagent, AMBER Wide Mouth with Screw Cap and Pouring Ring Graduated Borosilicate

Cap ml	Approx O.D. x Height of Bottle mm	Neck Specification Stopper	Quantity Per Case	Maximum Price/Piece Rs
30	30x75	-	20	275.00
60	45x90	-	20	300.00
100	56x100	GL 45	10	360.00
250	70x138	GL 45	10	390.00
500	86x176	GL 45	10	450.00
1000	101x196	GL 45	10	600.00
2000	136x252	GL 45	10	1050.00
5000	186x346	GL 45	6	5850.00
10000	234x425	GL 45	1	7800.00
20000	288x505	GL 45	1	12000.00

These bottles are mechanically strong , chemically resistant and are provided with plastic pouring Ring for drip-free operation. All bottles starting from 100ml have only one size of Screw Thread. Screw caps and Pouring Rings are interchangeable and are made from P.P. The bottles Screw Caps and Pouring Rings can be sterilized.

1519-Bottles, Reagent, AMBER Wide Mouth with Screw Cap and Pouring Ring Graduated Borosilicate

Cap ml	Approx O.D. x Height of Bottle mm	Neck Specification Stopper	Quantity Per Case	Maximum Price/Piece Rs
30	30x75	-	20	275.00
60	45x90	-	20	300.00
100	56x100	GL 45	10	360.00
250	70x138	GL 45	10	390.00
500	86x176	GL 45	10	450.00
1000	101x196	GL 45	10	600.00
2000	136x252	GL 45	10	1050.00
5000	186x346	GL 45	6	5850.00
10000	234x425	GL 45	1	7800.00
20000	288x505	GL 45	1	12000.00

These bottles are mechanically strong , chemically resistant and are provided with plastic pouring Ring for drip-free operation. All bottles starting from 100ml have only one size of Screw Thread. Screw caps and Pouring Rings are interchangeable and are made from P.P. The bottles Screw Caps and Pouring Rings can be sterilized.

1585-Bottles, Solution, Plain Tooled Neck Borosilicate

Cap. ml	Approx O.D. x Height	Approx Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
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	mm			
250	64x147	18	20	150.00
500	80x172	23	40	160.00
1000	104x200	28	10	275.00
2000	129x265	33	10	480.00
3000	158x260	44	4	1170.00
5000	190x320	44	2	3310.00
10000	215x410	54	1	4750.00
20000	300x485	54	1	7600.00

Designed specially for handling and stroing sterile culture media and sera, where stablity of the glass is critical.

### 1589-Bottle, Solution, AMBER, Tooled Neck, Boroslicat

Cap. ml	Approx O.D. x Height mm	Aprox Neck I.D. mm	Quantity Per Case	Maximum Price/Piece Rs
250	64x147	18	10	290.00
500	80x172	23	20	320.00
1000	104x200	28	5	475.00
2000	129x265	33	5	800.00

Similar in design to Cat No 1585

### 1624-Bottles, Relative Density, with Capillary Bore Teflon Stopper with Certified Capacity Along with work certificate Boroslicat

Cap. ml	Capacity Tolerance +/- ml	Max. Body Dia x Height mm	Size of Inner changeable Stopper	Quantity Per Case	Maximum Price/Piece Rs
10	0.3	24x36	10/15	5	580.00
25	0.8	38x56	10/15	5	685.00
50	1.0	49x66	10/15	2	720.00

### 1625-Bottles, Relative Density, with Accuracy as per I.S. 5717 : 1970 with Capaillary Bore Interchangeable Teflon Stopper Boroslicat

Cap. ml	Capacity Tolerance +/- ml	Max. Body Dia x Height mm	Size of Inner changeable Stopper	Quantity Per Case	Maximum Price/Piece Rs
10	1	24x36	10/15	10	285.00
25	2	38x56	10/15	10	330.00
50	3	49x66	10/15	2	350.00

### 1630-Bottles, Weighing, with interchangeable Stopper Boroslicat

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
5	20x40	30	170.00
15	25x60	10	190.00
20	50x35	20	390.00
25	30x65	10	225.00

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40	60x40	20	550.00
60	40x90	5	350.00

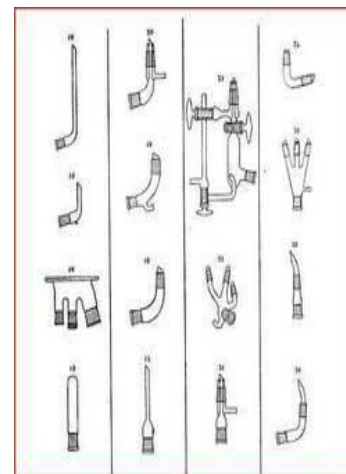
Squat Form

## 1630-Bottles, Wash, Complete with interchangeable Stopper Borosilicate

Cap. ml	Approx O.D. x Height mm	Size of interchangeable stopper	Quantity Per Case	Maximum Price/Piece Rs
250	225	24/29	10	400.00
500	280	24/29	10	530.00
1000	315	29/32	10	660.00

## 1661-Stopper, Only for wash bottles Cat No 1660 Borosilicate

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
250	24x29	10	205.00
500	24x29	10	225.00
1000	29x32	10	240.00



## 1662-Bottles, Only for Wash Bottles , Cat No 1660 Borosilicate

Cap. ml	Approx Total Height mm	Size of interchangeable stopper	Quantity Per Case	Maximum Price/Piece Rs
250	135	24/29	10	195.00
500	175	24/29	10	305.00
1000	205	29/32	10	420.00

## 166P-Bottles, Wash LDPE Plastic, Squeeze type, Screw Cap, fitted with Stopper And delivery Tube Borosilicate

Cap. ml	Approx Diameter mm	Bottle Height mm	Quantity Per Case	Maximum Price/Piece Rs
500	57	160	36	37.00

For physical and chemical resistance

Bottles & delivery tube made of chemically resistant, low density polyethylene, which is flexible, tough light weight and practically undereakable in use. Squeezing the bottle produces a steady, controllable stream or a few drops, as desired and delivery is stopped instantly when pressure is released. Delivery tube is mounted in polypropylene screw cap. Tip on delivery tube is removable.

## 1760-Bottles, Gas Washing, Complete with interchangeable Stopper Borosilicate

Cap. ml	Size of interchangeable Stopper	Quantity Per Case	Maximum Price/Piece Rs
125	29/32	10	565.00
250	29/32	10	610.00



500                      29/32                      10                      735.00

### 1761-Stoppers, Only for Gas washing Bottles Cat No 1760 Borsil

Cap ml	Quantity Per Case	Maximum Price/Piece Rs
125	10	215.00
250	10	220.00
500	10	255.00

### 1762-Bottles, Only for Gas Washing Bottles Cat No1760 Boroslicite

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
125	50x155	10	350.00
250	60x185	10	390.00
500	70x245	10	480.00

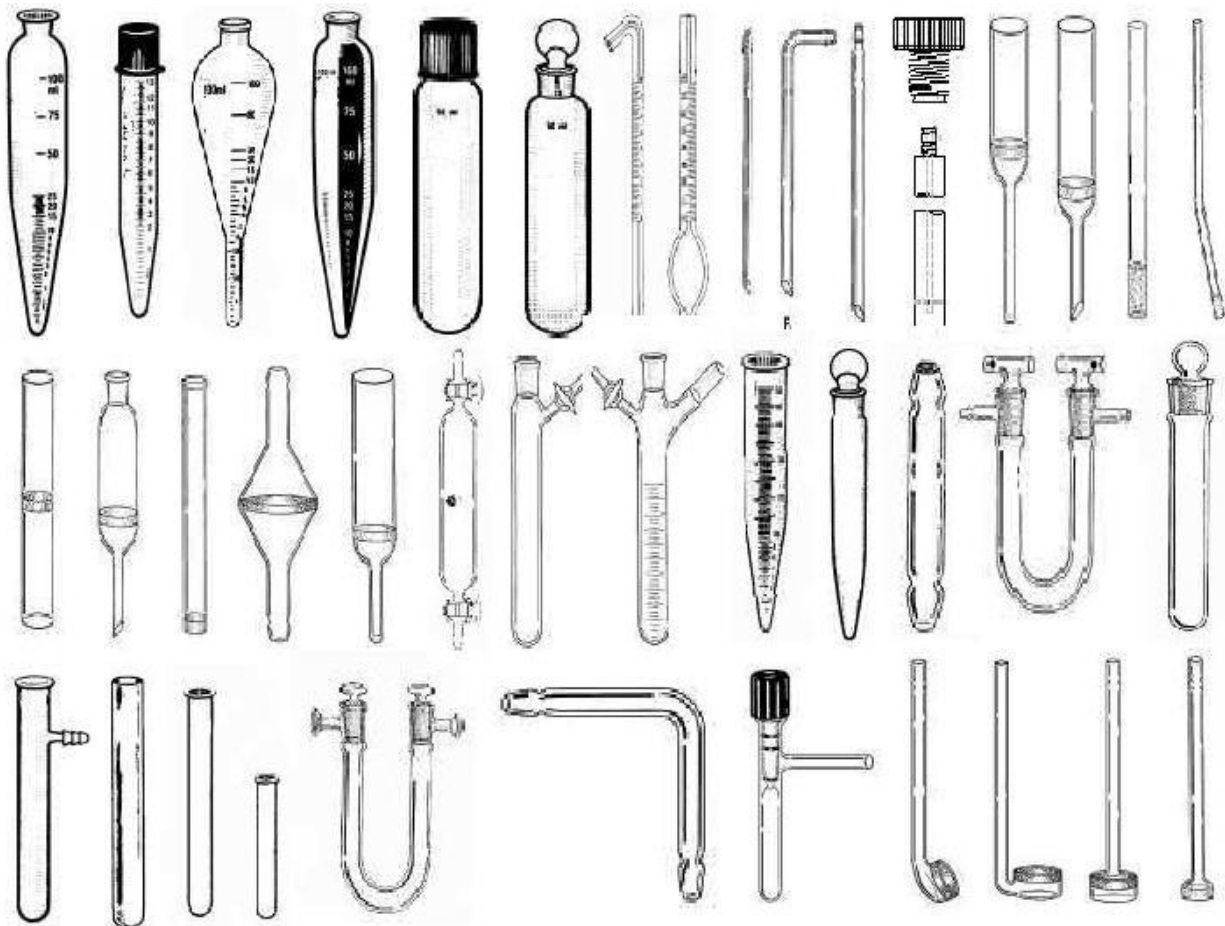
### 1764-Tubes, Gas Sam,pling, with Stopcock Boroslicite

Cap ml	Quantity Per Case	Maximum Price/Piece Rs
125	10	335.00
250	10	430.00
500	10	600.00

### 1765-Impinger, Boroslicite

Cap ml	Quantity Per Case	Maximum Price/Piece Rs
35	10	200.00





Burettes : When you use a burette you expect accuracy reliability and durability. Only BOROSLICATE burettes offer all three even after repeated usage. A combination of the best material and workmanship goes into BOROSLICATE burettes. The highest quality accurate-bore tubing is selected to provide uniform and accurate graduations. Each burette is individually calibrated for precision and high accuracy. All graduations are in durable white enamel. The burette stopcocks are specially ground so that they provide a leak proof operation. It is advantageous to use different types of greases depending on the reagents used to get leak proof operations. For details of different greases, contact nearest Sales Office. Stopcock plugs are solid pressed and ground. These are not interchangeable.

In addition to burettes with glass stop-cocks we have a range of Boroflo Burettes fitted with Boroflo (GP) screw thread stopcocks with PTFE keys and straight bore PTFE stopcocks.

Boroflo Burettes are fitted with Boroflo GP (General Purpose) Screw thread Stopcocks with PTFE keys offering the following operational advantages-

- Lubrication never required -no seizure, no contaminating greases
- Excellent flow control-invaluable on burettes
- All glass/PTFE pathway, highly resistant to chemical attack
- No leakage-unique Fluon/Glass seal
- No springs or retaining devices - easy to dismantle and clean
- No Ground Surfaces -low absorption of radioactivity

- Consistent performance between 0°C and 50°C

2118-Burettes, For Pinchcock, with Tip, Accuracy as per class B of I.S. 1997:1982 Borosilicate

Cap. ml	Graduation Interval	Tolerance + ml	Approx Total	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.05	430	10	250.00
25	0.1	0.1	470	10	280.00
50	0.1	0.1	720	20	300.00

2121-Burettes, Boroflo, Fitted with Boroflo GP (General Purpose), Screw Thread Stopcocks with PTFE keys, Accuracy as per class A of I.S. 1997:1982 with works certificate Borosilicate

Cap. ml	Graduation Interval	Tolerance + ml	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.02	5	940.00
25	0.1	0.05	5	970.00
50	0.1	0.05	5	1100.00
100	0.2	0.1	5	1550.00

2122-Burettes, Boroflo, Fitted with Boroflo GP (General Purpose), Screw Thread Stopcocks with PTFE keys, Accuracy as per class B of I.S. 1997:1982 with works certificate Borosilicate

Cap. ml	Graduation Interval	Tolerance + ml	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.05	10	360.00
25	0.1	0.1	10	345.00
50	0.1	0.1	10	380.00
100	0.2	0.2	5	550.00

2123-Burettes, Straight Bore Stopcock, Accuracy as per class A of I.S. 1997:1982 with works certificate Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
1*	0.01	0.006	440	5	1090.00
+2*	0.02	0.01	440	5	1090.00
5*	0.02	0.01	590	5	1000.00
10	0.05	0.02	530	5	1000.00
25	0.1	0.05	530	5	1030.00
50	0.1	0.05	780	5	1170.00
100	0.2	0.1	830	5	1690.00

+ Not covered in I.S.

\* with cup top

2124-Burettes, Straight Bore Stopcock, Accuracy as per class B of I.S. 1997:1982 with works certificate Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
1*	0.01	0.01	440	5	470.00
2*	0.02	0.02	440	5	470.00

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5*	0.02	0.02	590	5	470.00
10	0.05	0.05	530	10	405.00
25	0.1	0.01	530	10	405.00
50	0.1	0.01	780	10	440.00
100	0.2	0.2	830	5	600.00

\* with cup top

2125-Burettes, Double Oblique Bore Stopcock, 3-Way Accuracy as per class A of I.S.  
1997:1982 with works certificate Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.02	530	5	1720.00
25	0.1	0.05	530	5	1920.00
50	0.1	0.05	780	5	2300.00
100	0.2	0.1	830	5	2950.00

2126-Burettes, Double Oblique Bore Stopcock, 3-Way Accuracy as per class A of I.S.  
1997:1982 with works certificate Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.05	530	5	1075.00
25	0.1	0.1	530	5	1075.00
50	0.1	0.1	780	5	1320.00
100	0.2	0.2	830	5	1645.00

2127-Burettes Double Oblique Bore Boroflo Stopcock, 3 -Way , Accuracy as per class A of I.S.  
1997:1982, with work certificate Borosil

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.02	530	5	1675.00
25	0.1	0.05	530	5	1850.00
50	0.1	0.05	780	5	2250.00
100	0.2	0.1	830	5	2560.00

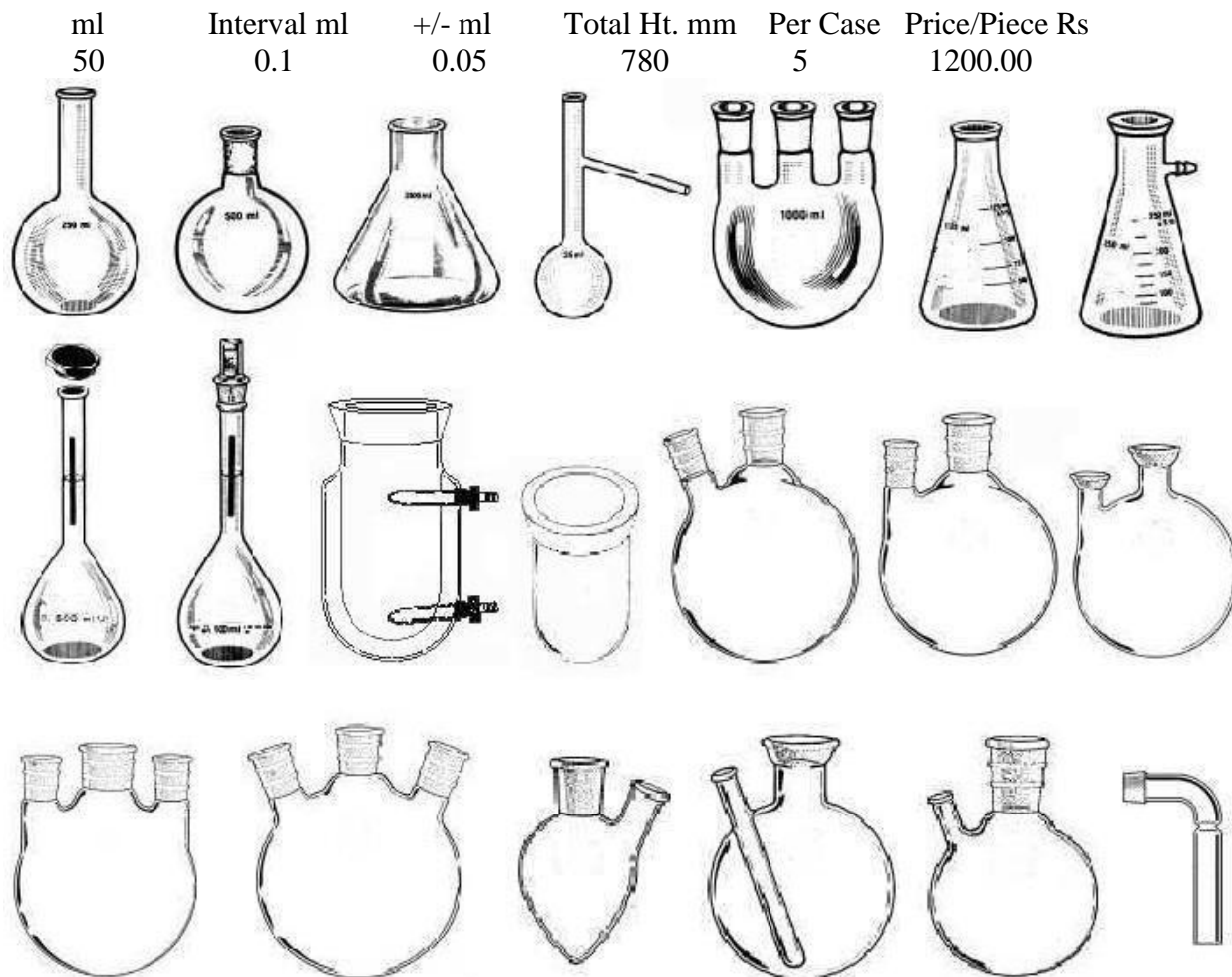
2128-Burettes Double Oblique Bore Boroflo Stopcock, 3 -Way , Accuracy as per class B of I.S.  
1997:1982, Borosil

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.05	530	5	1020.00
25	0.1	0.01	530	5	1040.00
50	0.1	0.01	780	5	1270.00
100	0.2	0.2	830	5	1550.00

2129-Burettes Straight Bore PTFE Key Stopcock, Accuracy as per class A of I.S. 1997:1982, with work certificate Borosilicate

Cap.	Graduation	Tolerance	Approx	Quantity	Maximum
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2130-Buretts Straight Bore PTFE Key Stopcock, Accuracy as per class B of I.S. 1997:1982, with work certificate Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
50	0.1	0.1	780	10	525.00

2145-Buretts Double Oblique Bore Boroflo Stopcock, 3 -way, Automatic Zero, Accuracy as per class A of I.S. 1997:1982, with work certificate, Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.02	530	1	3100.00
25	0.1	0.05	530	1	3500.00
50	0.1	0.05	780	1	4300.00

2146-Buretts, Double Oblique Bore Boroflo Stopcock, 3 -way, Automatic Zero, Accuracy as per class B of I.S. 1997:1982, with work certificate, Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
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10	0.05	0.05	530	1	2250.00
25	0.1	0.1	530	1	2500.00
50	0.1	0.1	780	1	3100.00

2147-Burettes, Double Oblique Bore Boroflo Stopcock, 3 -way, Automatic Zero, Accuracy as per class A of I.S. 1997:1982, with work certificate, Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.02	530	1	3230.00
25	0.1	0.05	530	1	3600.00
50	0.1	0.05	780	1	4400.00

2148-Burettes, Double Oblique Bore Boroflo Stopcock, 3 -way, Automatic Zero, Accuracy as per class B of I.S. 1997:1982, with work certificate, Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Approx Total Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.05	530	1	2340.00
25	0.1	0.1	530	1	2600.00
50	0.1	0.1	780	1	3120.00

2149-Burettes, Automatic Zero, Mounted on Reservoir, Class A, With rubber Bellow, with works certificate Borosilicate

Cap. ml	Graduation interval	Toleranace +/- ml	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.02	1	3400.00
25	0.1	0.05	1	3300.00
50	0.1	0.05	1	3700.00
100	0.2	0.1	1	4200.00

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

2150-Burettes, Automatic Zero, Mounted on Reservoir, Class B, With rubber Bellow, with works certificate Borosilicate

Cap. ml	Graduation interval	Toleranace +/- ml	Quantity Per Case	Maximum Price/Piece Rs
10	0.05	0.05	1	2380.00
25	0.1	0.01	1	2350.00
50	0.1	0.01	1	2550.00
100	0.2	0.2	1	2900.00

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

2153-Burettes, Automatic Zero, Mounted on Reservoir, Class A, With Rubber bellow, with works certificate Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Quantity Per Case	Maximum Price/Piece Rs With Boroflo	Maximum Price/Piece Rs With PTFE Key

				Stopcock	Stopcock
10	0.05	0.02	1	3280.00	3600.00
25	0.1	0.05	1	3200.00	3500.00
50	0.1	0.05	1	3550.00	3900.00
100	0.2	0.10	1	4050.00	4450.00

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

2154-Burettes, Automatic Zero, Mounted on Reservoir, Class B, With Rubber bellow, with works certificate Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/- ml	Quantity Per Case	Maximum Price/Piece Rs With Boroflo Stopcock	Maximum Price/Piece Rs With PTFE Key Stopcock
10	0.05	0.05	1	2330.00	2530.00
25	0.1	0.01	1	2270.00	2470.00
50	0.1	0.01	1	2490.00	2685.00
100	0.2	0.2	1	2850.00	3050.00

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

## CONES

For Determination of small amounts of suspended matter in sewage by the Imhoff sedimentation Method

2160-Cones, Imhoff , Sediment, Sharp Tip, Borosilicate

Approx Total Ht. mm	Approx Top Dia. mm	Quantity Per Case	Maximum Price/Piece Rs
454	105	10	1850.00

Graduated from 0 to 1ml in 0.1ml divisions, 1 to 10 ml in 0.5ml and 10 to 40 ml in 1 ml. Also marked at 1000ml

2180-Cones, Imhoff , Sediment, Sharp Tip, Borosilicate

Approx Total Ht. mm	Approx Top Dia. mm	Quantity Per Case	Maximum Price/Piece Rs
439	105	10	1890.00

Graduated similar to Cat no 2160. The blunt tip increases its ruggedness and cleaning ease. For use with heavy sediments where small volumes are important.

## CONDENSERS

**BOROSILICATE** Condensers are offered to meet the wide usage of condensers in laboratories for distillation or reflux operations. Condensers should be chosen carefully with regard to distillation rates, reflux rates, and temperature gradients. A comprehensive range of **BOROSILICATE** condensers for you to choose from.

2340-Condenser, Liebig, with sealed inner tube **BOROSILICATE**

Approx	Approx	Quantity	Maximum
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Jacket. Lenght mm	Overall Height	Per Case	Price/Piece Rs
200	345	5	150.00
300	445	5	165.00
400	545	5	200.00
500	645	5	235.00

2400-Condenser, Liebig, Drip Tip, Interchangeable Inner Joint and Interchangeable Outer Joint, BOROSLICATE

Approx Jacket. Lenght mm	Approx Overall Height	Interchangeable Inner	Joints Outer	Quantity Per Case	Maximum Price/Piece Rs
200	350	19/26	19/26	5	175.00
300	450	24/29	24/29	5	215.00
400	550	24/29	24/29	5	245.00

2480-Condenser, Allihn, Drip Tip, Interchangeable Inner Joint and Interchangeable Outer Joint, BOROSLICATE

Approx Jacket. Lenght mm	Approx Overall Height	Interchangeable Inner	Joints Outer	Quantity Per Case	Maximum Price/Piece Rs
200	350	19/26	19/26	5	225.00
300	450	24/29	24/29	5	255.00
400	550	24/29	24/29	5	310.00
600	750	29/32	29/32	5	460.00

2560-Condenser, Graham, Coiled Distillate Type, Drip Tip, Interchangeable Inner Joint and Interchangeable Outer Joint, BOROSLICATE

Approx Jacket. Lenght mm	Approx Overall Height	Interchangeable Inner	Joints Outer	Quantity Per Case	Maximum Price/Piece Rs
300	450	24/29	24/29	5	275.00
400	550	24/29	24/29	5	350.00
600	650	24/29	24/29	5	430.00

2640-Condenser, Friedrichs, Drip Tip, Interchangeable Inner Joint and Interchangeable Outer Joint, BOROSLICATE

Approx Overall Ht mm	Interchangeable Inner	Joints Outer	Quantity Per Case	Maximum Price/Piece Rs
350	24/29	24/29	5	1525.00

## CYLINDERS

Measuring cylinders serve simultaneously to receive and measure different amounts of liquids. Made from specially drawn tubing with durable, easy to read graduations for assured accuracy. BOROSLICATE cylinders are built to last. We have built strength features into every cylinder.



Heavy uniform wall tubing and strong stable hexagonal base contribute to sturbiness. Hexagonal base also prevents them from rolling off a laboratory bench. They are available in capacities from 5ml to 2000ml.

For accurate work class A certified cylinders are available. Our range also includes Nessler Colour comparison and Rain measure Cylinders.

Cat No 3025 provides cylinders with plastic bases, which are quite economical.

2975-Cylinders, Colour comparison, Nessler, Flat Bottom, Graduated , As per I.S. 4161:1967 BOROSLICATE

Cap. ml	Approx O.D. x Height	Quantity Per Case	Maximum Price / Piece Rs
50	26x150	20	104.00
100	24x180	20	152.00

100ml cylinder is marked at 50ml and 100ml

2981-Cylinder, Graduated, Single Metric Scale, with Penny Head Interchangeable Stopper With Hexagonal Base Class A, with works certificate, BOROSLICATE

Capacity ml	Graduation Interval ml	Tolerance +/- ml	Stopper size	Approx Height mm	Quantity Per case	Maximum Price /Piece Rs
10	0.2	0.1	10/15	160	5	480.00
25	0.5	0.25	14/15	186	10	550.00
50	1.0	0.5	14/15	206	10	630.00
100	1.0	0.5	19/20	285	10	740.00
250	2.0	1.0	24/25	370	5	1160.00
500	5.0	2.5	24/25	430	5	1485.00
1000	10.0	5.0	34/25	500	4	1820.00
2000	20.0	10.0	34/25	620	4	2900.00

2982-Cylinder, Graduated, Single Metric Scale, with Penny Head Interchangeable Stopper With Hexagonal Base, Accuracy as per I.S. 878:1975, BOROSLICATE

Capacity ml	Graduation Interval ml	Tolerance +/- ml	Stopper size	Approx Height mm	Quantity Per case	Maximum Price /Piece Rs
5	0.1	0.1	10/15	130	5	235.00
10	0.2	0.2	10/15	160	10	245.00
25	0.5	0.5	14/15	186	20	275.00
50	1.0	1.0	14/15	206	20	310.00
100	1.0	1.0	19/20	285	20	380.00
250	2.0	2.0	24/25	370	10	640.00
500	5.0	5.0	24/25	430	10	900.00
1000	10.0	10.0	34/25	500	4	1300.00
2000	20.0	20.0	34/25	620	4	2250.00

3021-Cylinders, Grduated, Sighle Metric Scale, With pour out, with Hexagonal Base, Class A with works certificate BOROSLICATE

Capacity ml	Graduation Interval ml	Tolerance +/- ml	Approx Height mm	Quantity Per case	Maximum Price /Piece Rs
10	0.2	0.1	140	5	300.00
25	0.5	0.25	170	10	350.00
50	1.0	0.5	200	10	400.00
100	1.0	0.5	260	10	455.00
250	2.0	1.0	335	10	720.00
500	5.0	2.5	390	5	985.00
1000	10.0	5.0	470	4	1220.00
2000	20.0	10.0	570	4	2350.00

3022-Cylinders, Grduated, Sighle Metric Scale, With pour out, with Hexagonal Base, Accuracy as per I.S. 878 : 1975, BOROSLICATE

Capacity ml	Graduation Interval ml	Tolerance +/- ml	Approx Height mm	Quantity Per case	Maximum Price /Piece Rs
5	0.1	0.1	110	10	145.00
10	0.2	0.2	140	10	165.00
25	0.5	0.5	170	20	195.00
50	1.0	1.0	200	20	215.00
100	1.0	1.0	260	20	250.00
250	2.0	2.0	335	20	455.00
500	5.0	5.0	390	10	600.00
1000	10.0	10.0	470	10	910.00
2000	20.0	20.0	570	4	1750.00

3024-Cylinders, Graduated, single Metric Scale, with pour out, Schellbach Type, with Hexagonal Base, Accuracy as per I.S. 878:1975

Capacity ml	Graduation Interval ml	Tolerance +/- ml	Approx Height mm	Quantity Per case	Maximum Price /Piece Rs
50	1.0	1.0	180	20	250.00
100	1.0	1.0	250	20	290.00

3025-Cylinders, Graduated, single Metric Scale, with pour out, Detachable LDP Plastic Hexagonal Base, BOROSLICATE

Capacity ml	Graduation Interval ml	Tolerance +/- ml	Approx Height mm	Quantity Per case	Maximum Price /Piece Rs
10	0.2	0.2	140	10	125.00
25	0.5	0.5	170	20	150.00
50	1.0	1.0	200	20	190.00
100	1.0	1.0	260	20	215.00

3070-Cylinders, Rain Measure, Metric Scale, Graduated, with Round Base as per I.S. 4849:1992 BOROSLICATE

Size mm Rain	Used for Collector Area cm <sup>2</sup>	Graduation Interval mm rain	Tolerance +/- mm	Quantity Per case	Maximum Price /Piece Rs
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# LABPRO GLASSWARE



20	200	0.2	0.05	5	680.00
20	100	0.2	0.1	10	800.00

The cylinder are graduated to indicate rainfall in mm when used with appropriate rain collector

## DESICCATORS

**BOROSILICATE** Desiccator bodies and covers are designed for strength and utility. The body has a streamlined contour for easy cleaning of use desiccant. Any desiccant such as sulphuric acid, phosphoric pentoxide, calcium chloride or silica gel can be used. For convenience **BOROSILICATE** desiccators of the same size have interchangeable covers and bodies. Vacuum type desiccators, when ground surface is cleaned and greased, will hold a vacuum of 500mm of Mercury over a 24 hours period.

### 3080-Desiccators, with cover, knob Top Borosilicate

Approx ID Ground Flange mm	Quantity Per Case	Maximum Price/Piece Rs
110	1	3600.00
160	1	3850.00
200	1	4350.00
250	1	5700.00
300	1	7250.00



### 3118-Desiccators, Vacuum, with cover and Sleeve, BOROSILICATE

Approx ID Ground Flange mm	Quantity Per Case	Maximum Price/Piece Rs
160	1	7250.00
200	1	7550.00
250	1	10600.00
300	1	15800.00

## DISHES

**BOROSILICATE** Dishes are for varied needs-crystallizing, evaporating, drying storing, Petri dishes for culture, assay and microbiological works. All dishes are safe, durable and economic. **BOROSILICATE** dishes are inert, sterilisable and remain clear after repeated use and washings. As you use again and again, your cost per dish keeps decreasing.

### 3140-Dishes, Crystalizing, BOROSILICATE

Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
100x50	20	115.00
150x75	20	200.00
190x100	4	335.00

### 3160-Dishes, Culture, Petri, BOROSILICATE

Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
50x17	100	97.00
80x17	100	106.00
100x17	100	109.00
150x20	40	275.00
200x20	10	500.00

This clear dishes withstand repeated sterilization (wet or dry). The edges are beaded to provide greater mechanical strength Excellent for routine work.

### 3161-Dishes, Top only for Petri Dishes Cat No 3160 BOROSLICATE

Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
54x15	100	49.00
83x15	100	54.00
98x15	100	55.00
153x17	40	140.00
203x17	10	252.00

### 3162-Dishes, Bottom Only for Petri Dishes Cat No 3160 BOROSLICATE

Approx ID O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
51x17	100	48.00
80x17	100	52.00
95x17	100	54.00
149x20	40	135.00
200x20	10	248.00

### 3165-Dishes, culture Petri, BOROSLICATE S Line

Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
50x12	144	34.00
80x15	144	43.00
100x15	72	50.00
150x25	72	106.00
200x30	10	229.00

The accuracy of many biological assays depends on the flatness of the inside bottom of petri dishes use This dish has an inner bottom held to close flatness tolerances, since they are pressed. These dishes are made of a different type of glass and process which enables absolutely flat inner surfaces of tops and bottoms with high clarity and free of bubbles.

## 3170-Trays , Drying heavy Wall BOROSLICATE

Approx Dimension mm	Approx Cap. ml	Quantity Per Case	Maximum Price/Piece Rs
404x257x61	3500	5	770.00
386x217x63	3000	5	650.00
350x200x58	2400	5	450.00
320x180x51	1500	5	320.00

These trays will withstand hot air or steam sterilizations, Useful for paper chromatography too. Dimensions are approximate, represent inside length x width x height in mm

## 3180-Dishes, Evaporating, flat Bottom, with Pour out BOROSLICATE

Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
80x45	60	76.00
105x55	50	110.00
150x80	20	180.00
200x100	8	385.00

## 3190-Quartz Crucible without Lid, Borosilicate

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price / Piece Rs
15	40x26	10	265.00
25	47x30	10	390.00
50	57x35	10	625.00
80	69x45	10	1012.00
150	80x54	5	1870.00

## 3191-Quartz Lids for Crucible BOROSLICATE

Cap. ml	Quantity Per Case	Maximum Price/Piece Rs
15	10	266.00
25	10	375.00
50	10	585.00
80	10	975.00

## DISTILLING APPARATUS

Distillation equipment to cover most of the needs of the average laboratory can be built from standard BOROSLICATE components. Distillation assemblies for specific applications however are available as complete units, as listed herein

## 3340-Distilling Apparatus, Ammonia, with Graham condenser, Interchangeable Joints BOROSLICATE

Cap.	Quantity	Maximum
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ml	Per Case	Price/Piece Rs
500	2	1700.00

Used for determining nitrogen in organic compounds. Both the digestion and distillation stages can be performed in this apparatus. The assembly shown is the distillationsage where the amount of ammonia, and hence, nitrogen is established. The inlet tube allows the permanganate solution to be introduced after distillation. Supplied with an outer interchangeable 24/29 joint on the flask and an outer interchangeable 19/26 joint on the condenser.

3360-Distilling Apparatus, with Graham condenser, Interchangeable Joints, Interchangeable Stopper Borosilicate

Cap. ml	Condenser Jacket mm	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs
500	200	19/26	2	1700.00

A general purpose batch distillation assembly with the facility for addition via the interchangeable stoppered neck. Ideally suited for the batch production of high purity distilled water. The flask has flat bottom with a side delivery tube.

## WATER DISTILLATION SYSTEMS

Distillation Units-All Glass, single or Double, with Build-in heater Horizontal Type Borosilicate

Catalogue No	Type	Output Cap. Ltr/ Hr.	Quantity Per case	Maximum Price/ Piece Rs
3361	Single	1.5	1	9790.00
3361	Single	4.0	1	20715.00
3362	Double	1.5	1	19130.00
3362	Double	4.0	1	41425.00

## WATER DISTILLATION SYSTEMS

Distillation Units-Mono Quartz, Panel Mounted with Borosilicate Or Quartz condenser BOROSILICATE

Catalogue No	Type	Output Cap. Ltr/ Hr.	Quantity Per case	Maximum Price/ Piece Rs
3363	Borosilicate	2.5	1	17390.00
3363	Borosilicate	5.0	1	33140.00
3363	Borosilicate	10.0	1	72500.00
3364	Quartz	2.5	1	28260.00
3364	Quartz	5.0	1	62140.00
3366	Electronic Relay Unit	2.5	1	6225.00

Electronic relay unit for use along with above distiller to switch off heater in case of water level falling below heating coil to avoid frequent burn out.

## WATER DISTILLATION SYSTEMS

3365-Distillation Units Quartz, Double, Demountable Boiler Panel Series Borosilicate

Catalogue No	Output Cap. Ltr/ Hr.	Quantity Per case	Maximum Price/ Piece Rs
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3365	2.5	1	65210.00
3365	5.0	1	91300.00
3365	10.0	1	165710.00
3366	2.5	1	6525.00

Electronic realy unit for use along with aboe distiller to switch off heater in case of water level falling below heating coil to avoid frequent burn out.

## WATER DISTILLATION SYSTEMS

### 3367-Water Softener, Borosilicate

Quantity Per case	Maximum Price/ Piece Rs
1	8425.00

The newly designed water softener works on Exchange principle and is used along with Borosilicate Quarts/Glass distillers. The water softener prevents accumulation of sludge (i.e. deposits of Calcium and magnesium salts which renders water hardness). The Tap water / Borewell water is fed at the Bottom inlet, and softended water is drawn at the top outlet. The softened water is fed into the Boiler of the distillation unit. The unit can be recharged once again with a saturated solution of sodium chloride of around 3 ltrs. The unit delivers approx. 2000 ltrs of soft water for one cycle of regeneration.

### 3368-Heat Exchanger for Distillation Systems Borosilicate

Quantity Per case	Maximum Price/ Piece Rs
1	53750.00

Heat Exchanger can be used with any of the distillation units. The hot wter coming out of the condenser outlet is usually left to the Sink thereby wasting precious water. With the use of Heat Exchanger, the hot water is colled using the colling coils, Fand and pumped bak to the condenser inlet thereby saving water. It can be table mounted and consumption is minimum. 15 Ltrs of water is all it takes to run any distillation Unit (Single or Doube)

### 3380-Distilling apparatus, with Friedriches condenser, Interchangeable Joint, Interchangeable stoper Borosilicate

Cap. ml	Overall Height mm	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs
1000	495	34/35	2	2020.00

A compact distillation assembly incorporating a specially designed Friendriches condenser with a vapour tube rising to the top.The 1000 ml Erlenmeyer flask is upplied with an outer interchangeable 34/35 joint.

### 3602-Distilling Aparatus, Dean and Stark, Moistuer Test, Borosilicate (As per I.P. Specificatons)

Cap. ml	Quantity Per Case	Maximum Price/Piece Rs
10	2	1400.00

Consists of receiver 10ml graduted with 19/26 outhter joint and 24/29 inner joint, round bottom flask 1000 ml with 24/29 outer joint and Liebing condenser 200mm with 19/26 joint. The 10ml receiver is graduated from 1ml to 10ml in 0.1 intervals.

## EXTRACTORS

Liquid solid Extraction involves the elution of a solid sample with pure solvent vapour. The sample is held in the extractor body either directly or in a timple. The siphoning type of Soxhlet Extractor finds the widest application in laboratory work. Boroslicate Soxhlet Extraction Apparatus are available in three sizes. The component parts of the apparatus are provided with interchangeable joints for added flexibility.

Cap. ml	Interchangeable Joint		Quantity Per Case	Maximum Price/Piece Rs
	Top	Bottom		
60	34/35	24/29	5	260.00
100	40/38	24/29	5	290.00
200	50/42	24/29	5	450.00

With a bulb in a siphon tube near the top to aid in the siphoning action. he siphon tube kis protected from accidental damage by the vapour tube.

### 3741-Condensers, Only for xtraction Apparatus, Allihn, Borosilicate

Size	Interchangeable Joint		Quantity Per Case	Maximum Price/Piece Rs
	Bottom			
Small	34/35		5	210.00
Medium	40/38		5	300.00
Large	50/42		5	430.00

### 3840-Extraction Appartus, Soxhlet Complete with Allihn Condenser, Interchangeable Joint Borosilicate

Size	Cap.	Flask Size ml	Quantity Per Case	Maximum Price/Piece Rs
Medium	100	250	5	710.00
Large	200	500	5	1055.00

## FLASKS

All Laboratories must be equipppd with flask of different types. We offer a wide range of flasks boiling , culture, distilling, erlenmeyer, filterring, lodine and kjeldahl - for a varety of applications. You can sleect one to meet your requirment. Boroslicate flasks are designed to gie the best combinatin of thermal shock resistance, physical strength and resistance to chemical attack. They are made to withstand the demands of the modern laboratory. The flasks with interchangeable joints are particularly suitable fo all glass apparatus assemblles. We offer the interchangeable joint most commonly specified for a particular cpacity. Tube adaptors Cat no 8800 and 8820can be used to connect flask with one size joint to any other apparatus having another size joint.

### 4060-Flasks, Boiling, Florence, flat Bottom Borosilicate

Cap ml	Approx	Aprox Neck	Quantity Per Case	Maximum Price/Piece Rs
	O.D. x Height mm	O.D. mm		
25	42 x 90	20	50	62.00
50	51 x 90	26	50	68.00



# LABPRO GLASSWARE



100	64 x 105	26	80	75.00
150	75 x 132	28	80	85.00
250	85 x 140	34	80	86.00
300	87 x 160	24	20	127.00
500	105 x 170	33	40	131.00
1000	133 x 200	42	20	185.00
2000	167 x 250	50	20	360.00
3000	186 x 300	50	4	950.00
5000	223 x 340	60	2	1530.00
6000	250 x 340	65	2	2450.00
10000	279 x 400	65	1	3200.00
20000	350 x 505	75	1	6000.00

Suitable for use in Polenske Apparatus

## 4100-Flasks, Boiling, Flat Bottom, Short Neck, Interchangeable Joint Borosilicate

Cap ml	Interchangeable Joint	Aprox Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
150	24/29	115	5	112.00
250	24/29	130	5	120.00
500	24/29	148	5	175.00

## 4260-Flasks, Boiling, Round Bottom Borosilicate

Cap ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs
25	42 x 90	20	50	62.00
50	51 x 90	26	50	68.00
100	64 x 105	26	80	75.00
150	75 x 132	28	80	85.00
250	85 x 140	34	80	86.00
500	105 x 170	33	40	128.00
1000	133 x 200	42	20	182.00
2000	167 x 250	50	20	358.00
3000	186 x 300	50	4	920.00
5000	223 x 340	60	2	1480.00
6000	250 x 340	65	2	2200.00
10000	279 x 400	65	1	3200.00
20000	350 x 505	75	1	5800.00

## 4315-Flasks, Boiling, Pear Shaped, Short Neck, With Interchangeable Joint Borosilicate

Cap. ml	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs
25	14/23	5	213.00
50	14/23	10	237.00

## 4330-Flasks, (Vessels) Ractin, Wide Mouth, Flat Flange, 100mm I.D. 150mm O.D. Borosilicate

Cap. ml	Approx Ht. mm	Quantity Per Case	Maximum Price/Piece Rs
1000	170	2	1100.00
2000	205	2	1500.00
5000	260	2	3300.00
10000	320	1	7000.00
20000	400	1	12000.00

4331-Lids, For Flasks Reaction Cat No 4330, Flat Flange and Interchangeable Joint Borosilicate  
Interchangeable Joint Size

Center	Parallel	Side 5°	Side 10°	Side 15°	Quantity Per Case	Maximum Price/Piece Rs
19/26	19/26	24/29	19/26	-	2	2600.00
19/26	14/23	14/23	14/23	29/32	2	2600.00
29/32	14/23	14/23	14/23	29/32	2	2600.00

4380-Flasks, Boiling, Round Bottom, Short Neck, with Interchangeable Joint Borosilicate

Cap ml	Approx Height mm	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs
50	95	19/26	5	100.00
100	120	24/29	15	106.00
250	140	24/29	20	142.00
500	160	24/29	10	190.00
1000	188	24/29	10	260.00
2000	228	24/29	4	500.00
3000	255	24/29	4	1275.00
5000	300	45/40	2	1980.00
10000	385	55/44	1	4000.00
20000	435	55/44	1	7000.00

4381-Flasks, Round Bottom, Two Necks, Centre Neck and One Angled Side neck with Interchangeable Joints, Borosilicate

Cap ml	Interchangeable Joint Size		Quantity Per Case	Maximum Price/Piece Rs
	Center Neck	Side Neck		
100	24/29	14/23	4	155.00
100	24/29	19/26	4	155.00
250	24/29	14/23	4	220.00
250	24/29	19/26	4	220.00
500	24/29	14/23	4	310.00
500	24/29	19/26	4	310.00
1000	24/29	14/23	2	380.00
1000	24/29	14/23	2	380.00
2000	24/29	14/23	2	680.00
2000	34/35	19/26	2	680.00
2000	34/35	19/26	2	680.00
3000	34/35	19/26	2	1700.00
5000	34/35	19/26	1	2500.00
10000	55/44	24/29	1	4500.00

20000      55/44      24/29      1      7500.00

4382-Flasks, Round Bottom, Two Necks, Centre Neck and One Parallel Side neck with Interchangeable Joints, Borosilicate

Cap ml	Interchangeable Joint Size		Quantity Per Case	Maximum Price/Piece Rs
	Center Neck	Side Neck		
100	24/29	14/23	4	155.00
100	24/29	19/26	4	155.00
250	24/29	14/23	4	220.00
250	24/29	19/26	4	220.00
500	24/29	14/23	4	310.00
500	24/29	19/26	4	310.00
1000	24/29	14/23	2	380.00
1000	24/29	19/26	2	380.00
2000	24/29	14/23	2	680.00
2000	24/29	19/26	2	680.00
2000	34/35	19/26	2	680.00
3000	34/35	19/26	2	1700.00
5000	34/35	19/26	1	2500.00
10000	55/44	24/29	1	4500.00
20000	55/44	24/29	1	7500.00

4383-Flasks, Round Bottom, ThreeNecks, Centre Neck and Two Angled side Necks with Interchangeable Joints, Borosilicate

Cap ml	Interchangeable Joint Size			Quantity Per Case	Maximum Price/Piece Rs
	Center Neck	Side Neck	Side Neck		
100	19/26	14/23	14/23	4	210.00
100	14/23	14/23	14/23	4	210.00
250	19/26	14/23	14/23	4	300.00
250	19/26	19/26	19/26	4	300.00
500	19/26	14/23	14/23	4	430.00
500	19/26	19/26	19/26	4	430.00
1000	34/35	24/29	24/29	2	520.00
2000	24/29	19/26	19/26	2	960.00
2000	34/35	24/29	24/29	2	960.00
3000	34/35	24/29	24/29	2	2200.00
5000	45/40	24/29	24/29	1	3100.00
10000	45/40	24/29	24/29	1	6000.00

20000    55/44    24/29    24/29    1    9000.00

4383-Flasks, Round Bottom, Three Necks, Centre Neck and Two Parallel Side neck with Interchangeable Joints, Borosilicate

Cap ml	Interchangeable Joint Size			Quantity Per Case	Maximum Price/Piece Rs
	Center Neck	Side Neck	Side Neck		
100	19/26	14/23	14/23	4	210.00
100	14/23	14/23	14/23	4	210.00
250	19/26	14/23	14/23	4	300.00
250	19/26	19/26	19/26	4	300.00
500	19/26	14/23	14/23	4	430.00
500	19/26	19/26	19/26	4	430.00
1000	34/35	24/29	24/29	2	520.00
2000	24/29	19/26	19/26	2	960.00
2000	34/35	24/29	24/29	2	960.00
3000	34/35	24/29	24/29	2	2200.00
5000	45/40	24/29	24/29	1	3100.00
10000	45/40	24/29	24/29	1	6000.00
20000	55/44	24/29	24/29	1	9000.00

4420-Flasks, Loflo Borosilicate

Cap. ml	Approx O.D. x Height mm	Approx Neck ID mm	Quantity Per Case	Maximum Price/Piece Rs
3000	260x205	52	2	1350.00

4422-Flasks, Cultuer, Haffkin, Borosilicate

Cap. ml	Approx . O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs
3000	241 x 273	2	1360.00
4000	245 x 310	2	1600.00

4420-Flasks, Distilling with side Arm, Borosilicate

Cap. ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs
100	64 x 210	21	20	1360.00
125	68 x 214	19	20	160.00
250	88 x 226	25	20	180.00
500	110 x 250	28	4	235.00
1000	130 x 305	31	4	300.00
2000	170 x 318	40	4	520.00

Specifications as per institute of Petroleum Standard No IP 123/64

4980-Flasks, Erlenmeyr, Graduated, Conical, Narrow Mouth Borosilicate

Cap.	Approx.	Approx.	Quantity	Maximum
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ml	O.D. x Height mm	Neck O.D. mm	Per Case	Price/Piece Rs
10	34 x 60	15	30	53.00
25	42 x 70	21	40	55.00
50	51 x 82	21	100	56.00
100	64 x 210	21	20	1360.00
150	72 x 124	28	100	74.00
250	85 x 140	34	80	82.00
500	104 x 176	34	40	103.00
1000	131 x 220	42	20	170.00
2000	165 x 286	48	20	350.00
3000	185 x 315	48	4	660.00
5000	220 x 377	50	2	1220.00

25 ml to 5000 ml Graduated

#### 4981-Flasks, Erlenmeyer, Conical, Long Neck, Without Rim, Borosilicate

Cap. ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs
250	78 x 154	25	60	104.00

#### 4982-Flasks, Conical, Without Rim, Borosilicate

Cap. ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs
750	114 x 210	34	20	250.00

Suitable for culture work, designed for use in shaker machine

#### 4983-Flasks, Conical, With side Arm Rim, Borosilicate

Cap. ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs
5000	220 x 205	115	2	1700.00

#### 4984-Flasks, Cultuer, With Bottom Tubulatore, Borosilicate

Cap. ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs
2800	206 x 270	70	4	1350.00

#### 4989-Flasks, Erlnmeyer, Graduated, Conical AMBER, with Narrow Mouth, Borosilicate

Cap. ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs
100	64 x 105	25	50	106.00

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150	72 x 124	28	50	126.00
250	85 x 140	34	40	143.00
500	104 x 176	34	20	197.00
1000	131 x 220	42	10	340.00

Similar in design to Cat. No. 4980

## 5000-Flasks, Erlenmeyer, Narrow Mouth, Interchangeable Joint, Borosilicate

Cap. ml	Approx Height	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs.
250	145	24/29	10	145.00
500	175	24/29	5	190.00

## 5020-Flasks, Erlenmeyer, Conical, Narrow Mouth with Interchangeable Stopper, Borosilicate

Cap. ml	Approx Height	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs.
25	65	14/15	10	106.00
50	85	19/20	10	116.00
100	90	24/25	20	140.00
250	145	29/25	20	175.00
500	175	29/25	10	260.00

## 5021-Flasks, Conical, With Screw Cap, Borosilicate

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs.
100	64 x 110	20	140.00
150	72 x 125	20	162.00
250	85 x 145	20	200.00
500	104 x 180	10	220.00
1000	131 x 225	10	390.00

## 5100-Flasks, Erlenmeyer, Conical, Wide Mouth, Borosilicate

Cap. ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Quantity Per Case	Maximum Price/Piece Rs.
100	70 x 40	34	20	57.00
250	85 x 142	50	30	85.00
500	105 x 175	50	20	138.00
1000	130 x 220	56	10	240.00

## 5340-Flasks, Filtering, Heavy Wall, Bolt Neck, with Tubulation Borosilicate

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs.
50	52 x 80	30	108.00
100	64 x 105	20	167.00

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250	85 x 165	20	230.00
500	105 x 184	20	290.00
1000	136 x 250	10	440.00
2000	168 x 295	5	815.00
5000	237 x 450	2	3140.00
10000*	215 x 500	1	6000.00
20000*	300 x 560	1	9200.00

These flask are bottle shaped

These flasks are blown in special moulds, in shapes designed to give maximum mechanical strength. The neck finish is designed for strength and to allow satisfactory stopper fit. For use with our Buchner funnel No 36060 and Gooch Crucible No 32060 with sintered discs in different porosities.

5400-Flasks, Iodine, Determination, Interchangeable Stopper, Borosilicate

Cap. ml	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs.
100	24/29	10	137.00
250	24/29	10	175.00
500	24/29	10	210.00

These flasks are blown specially for iodine value determination as per method of ASTM D-29. The stopper handle projects above the liquid seal through to facilitate its removal.

5420-Flasks, Kjeldahl, Round Bottom. Long Neck, Borosilicate

Cap. ml	Approx O.D. x Height mm	Quantity Per Case	Maximum Price/Piece Rs.
10	30 x 180	10	56.00
30	40 x 180	10	69.00
100	61 x 210	20	120.00
300	80 x 298	20	207.00
500	97 x 325	20	410.00
800	113 x 375	20	496.00

These flasks, specially styled for nitrogen determination as per Kjeldahl method are provided with tooled necks for extra strength and stopper fit. For details on use and care, contact nearest Sales office

5430-Flasks, Kjeldahl, Round Bottom, Interchangeable Joint, Borosilicate

Cap. ml	Approx O.D. x Height mm	Interchangeable Joint	Quantity Per Case	Maximum Price/Piece Rs.
500	97 x 305	24/29	20	510.00
800	113 x 375	24/29	20	565.00

Similar in design to Cat No 5420 but with interchangeable joint 500ml capacity flask is a component part for Ammonia Distilling Apparatus Cat No 3340

## VOLUMETRIC FLASKS

# LABPRO GLASSWARE



Borosilicate Volumetric flasks are built with your requirements in mind. They conform to tight capacity tolerances and assure accurate reproducible results. The flasks have built-in strength too. The flask body is specially blown and accurate bore tubing is used for the neck and above all, you have interchangeable stoppers for convenience.

In capacities from 1ml to 2000ml, Borosilicate volumetric flasks are built with your requirements in mind. They conform to tight capacity tolerances and assure accurate reproducible results. The flasks have built-in strength too. The flask body is specially blown and accurate bore tubing is used for the neck. And above all, you have interchangeable stopper for convenience.

5639-Jar, Petroleum, Measuring, with Pour out, with works certificate Borosilicate.

Cap. ml	Tolerance +/- ml mm	Quantity Per Case	Maximum Price/Piece Rs.
5000	2.5	1	3200

5640-Flasks, Volumetric, with interchangeable Stopper, Accuracy as per Class A of I.S. 915:2006

Borosilicate

Cap. ml	Tolerance +/-	Stopper Size	Quantity Per Case	Maximum Price / Piece Rs
*1	0.015	10/15	4	570.00
*2	0.010	10/15	4	570.00
5	0.025	10/15	5	510.00
10	0.025	10/15	5	440.00
20	0.04	10/15	5	440.00
25	0.04	10/15	5	410.00
50	0.06	10/15	10	410.00
100	0.1	14/15	10	445.00
200	0.15	14/15	10	545.00
250	0.15	14/15	10	550.00
500	0.25	19/20	10	730.00
1000	0.4	19/20	10	1060.00
2000	0.6	24/25	2	1720.00

\*1ml and 2 ml sizes are test tube shape

5641-Flasks, Volumetric, with interchangeable Stopper, Accuracy as per Class B of I.S. 915:2006

Borosilicate

Cap. ml	Tolerance +/-	Stopper Size	Quantity Per Case	Maximum Price / Piece Rs
*1	0.02	10/15	10	186.00
*2	0.3	10/15	10	186.00
5	0.5	10/15	10	166.00
10	0.5	10/15	10	160.00



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20	0.8	10/15	10	160.00
25	0.08	10/15	20	153.00
50	0.12	10/15	20	171.00
100	0.2	14/15	20	199.00
200	0.3	14/15	20	221.00
250	0.3	14/15	20	229.00
500	0.5	19/20	20	307.00
1000	0.8	19/20	20	462.00
2000	1.2	24/25	4	880.00

\*1ml and 2 ml sizes are test tube shape

5642-Flasks, Volumetric, With Interchangeable LDPE Plastic Stopper, Accuracy as per Class B of I.S. 2006, Borosilicate

Cap. ml	Tolerance +/-	Stopper Size	Quantity Per Case	Maximum Price / Piece Rs
25	0.08	10/15	10	142.00
50	0.12	10/15	20	162.00
100	0.2	14/15	20	183.00
200	0.3	14/15	20	205.00
250	0.3	14/15	20	210.00
500	0.5	19/20	20	285.00
1000	0.8	19/20	20	430.00

5648-Flasks, Volumetric, With Interchangeable Stopper, AMBER Accuracy as per Class A of I.S. 2006, Borosilicate

Cap. ml	Tolerance +/-	Stopper Size	Quantity Per Case	Maximum Price / Piece Rs
25	0.04	10/15	5	490.00
50	0.06	10/15	10	490.00
100	0.1	14/15	10	530.00

5649-Flasks, Volumetric, With Interchangeable Stopper, AMBER Accuracy as per Class B of I.S. 2006, Borosilicate

Cap. ml	Tolerance +/-	Stopper Size	Quantity Per Case	Maximum Price / Piece Rs
25	0.08	10/15	10	230.00
50	0.12	10/15	10	237.00
100	0.2	14/15	10	271.00
250	0.3	14/15	10	313.00
500	0.5	19/20	10	448.00
1000	0.8	19/20	10	700.00
2000	1.2	24/25	2	1200.00

5650-Flasks, Volumetric, Sugar Estimation, Without stopper, As per B.S. 675:1953, Borosilicate

Cap. ml	Tolerance +/-	Quantity Per Case	Maximum Price / Piece Rs
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100/110                      0.15                      20                      220.00

### 6100-Columns, Chromatography, Plain with stopcock Borosilicate

Extractor Length mm	Bore mm	Quantity Per Case	Maximum Price/Piece Rs with Glass	Maximum Price/Piece Rswith Glass Stopcock	Maximum Price/Piece Rs with PTFE Stopcock
200	10	5	175.00	145.00	465.00
300	10	5	180.00	145.00	475.00
300	18	5	200.00	165.00	530.00
450	30	5	255.00	255.00	715.00
500	10	2	195.00	195.00	630.00
500	18	2	215.00	215.00	750.00
600	30	2	330.00	350.00	870.00
600	40	2	440.00	440.00	935.00
1000	40	1	900.00	900.00	1080.00

### 6101-Columns, Chromatography, with Sintered Disc and Stopcock Borosilicate

Extractor Length mm	Bore mm	Quantity Per Case	Maximum Price/Piece Rs with Glass	Maximum Price/Piece Rswith Glass Stopcock	Maximum Price/Piece Rs with PTFE Stopcock
200	10	5	280.00	240.00	560.00
300	10	5	280.00	240.00	560.00
300	18	5	360.10	310.00	750.00
450	30	5	450.00	385.00	980.00
500	10	2	330.00	310.00	685.00
500	18	2	390.00	325.00	870.00
600	30	2	460.00	430.00	1080.00
600	40	2	770.00	770.00	1350.00
1000	40	1	1050.00	1050.00	1650.00

## FUNNELS

Funnels may be used to separate solids from liquids, liquids from liquids and occasionally for pouring something into a container.

Borosilicate funnels are available in comprehensive range for a variety of such applications. Sintered glass funnels are also available.

Separating funnels come in globe and pear shapes with ground glass stopcocks and interchangeable stoppers. These funnels are made from specifically moulded blanks. Stopcock bores, body openings and stems are carefully aligned to provide smooth, even liquid flow with fast cut-off.

The sturdy design of Borosilicate funnels make them excellent for rack work.

### 6140-Funnels, Plain 60° Angle, Short Stem, Borosilicate

Diameter	Quantity	Maximum
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mm	Per Case	Price/Piece Rs
25	30	30.00
35	30	35.00
50	20	40.00
65	20	50.00
75	20	55.00
100	40	80.00

## 6220-Funnels, Powder, Borosilicate

Diameter mm	Quantity Per Case	Mamximum Price/Piece Rs
125	30	210.00
150	20	226.00
200	4	610.00
250	4	900.00

## 6340-Funnels, Separating, Globe Shape, with Stopcock and interchangeable Stopper Borosilicate

Diameter mm	Stopper Size	Quantity Per Case	Mamximum Price/Piece Rs
125	19/20	10	670.00
250	19/20	10	730.00
500	24/25	10	930.00
1000	29/25	5	1170.00
2000	29/25	10	1980.00
5000	34/25	1	4500.00

## 6400-Funnels, Separating, Pear Shape , With Stopcock and interchangeable Stopper Borosilicate

Diameter mm	Stopper Size	Quantity Per Case	Mamximum Price/Piece Rs
60	14/15	20	560.00
125	19/20	20	615.00
250	19/20	20	690.00
500	24/25	10	900.00
1000	29/25	10	1170.00
2000	29/25	10	2150.00

## 6401-Funnels, Separating, Pear shape, with Hollow Plug Stopcock, Hollow interchangeable Stopper Borosilicate

Diameter mm	Stopper Size	Quantity Per Case	Mamximum Price/Piece Rs
125	19/20	20	180.00
250	19/20	20	230.00
500	24/25	10	310.00
1000	29/25	10	485.00

6402-Funnels, Separating, Pear shape, Fitted with Boroflo Stopcock with PTFE key and glass Stopper Borosilicate

Capacity ml	Quantity Per Case	Maximum Price/Piece Rs
60	20	500.00
125	20	575.00
250	20	660.00
500	10	860.00
1000	10	1080.00

6403-Funnels, Separating, Pear shape, Fitted with Boroflo Stopcock with PTFE key Stopcock, interchangeable Stopper Borosilicate

Diameter mm	Stopper Size	Quantity Per Case	Maximum Price/Piece Rs
250	19/20	20	805.00
500	24/25	10	1020.00
1000	29/25	10	1220.00

## GAS GENERATOR

A rapid inexpensive and effective apparatus to produce controllable amounts of common gases such as hydrogen sulphide, carbon dioxide, etc. It is quickly charged and assembled and simple to operate.

Capacity ml	Quantity Per Case	Maximum Price/Piece Rs
50	1	4110.00
1000	1	5200.00

## GROUND JOINTS

For those who fabricate and assemble their own apparatus, we offer Borosilicate brand Ground Glass conical Joints. These are precision ground high quality interchangeable joint suitable for rapid and convenient assembly of apparatus for majority of laboratory applications.

Borosilicate brand Ground Joints are manufactured from medium wall uniform tubing and careful attention is paid to accuracy of form, uniformity of surface finish, profile and taper to reduce the possibility of leakage joint seizure. The outer joints have extra glass tooled onto rims to add a chip resistance. All brand Ground Joints are triple tested for proper taper control, for mating and for vacuum. The taper is as required by bureau of Indian standard specifications.

6560-Ground, Joints, inner Part Only, Interchangeable Borosilicate

Interchangeable Joint Size	Quantity Per Case	Maximum Price/Piece Rs
10/19	20	100.00
12/21	20	100.00
14/23	20	100.00

19/26	10	100.00
24/29	10	101.00
29/32	10	142.00
34/35	10	165.00
40/38	10	260.00
45/50	10	311.00
50/42	10	350.00
55/44	10	400.00

## 6580-Ground, Joints, Inner Part Only, Interchangeable Borosilicate

Interchangeable Joint Size	Quantity Per Case	Maximum Price/Piece Rs
10/19	20	100.00
12/21	20	100.00
14/23	20	100.00
19/26	10	100.00
24/29	10	101.00
29/32	10	142.00
34/35	10	165.00
40/38	10	266.00
45/40	10	311.00
50/42	10	350.00
55/44	10	400.00

## JARS

Borosilicate band glass Jars serve a variety of applications in Education and research, for high vacuum work and as spares for vacuum coating units, Fermentation jars for microbial fermentations in research and development, Museum Jars for storing and displaying valuable specimens and optical clarity of Borosilicate brand jars make them the most obvious choice.

Borosilicate brand jars are specially blown to give sturdiness and long life. The rims are flat ground to close tolerances. The covers of museum jars are provided with a small orifice for easy filling of the preservative without unsealing the lid. The jars are not recommended for use over a direct flame or on a hot plate.

## 6886-Jars, Bell, Round Bottom, Edge Ground Borosilicate

Approx O.D. x Height	Approx Capacity	Quantity Per Case	Maximum Price/Piece Rs
300 x 450	19	1	9900.00
300 x 400	17	1	9500.00
200 x 350	6	2	4800.00

## 6905-Jars, Cylindrical, Fermentation Borosilicate

Approx O.D. x Height	Approx Capacity	Quantity Per Case	Maximum Price/Piece Rs
220 x 320	10	1	5550.00

220 x 455                      14                      1                      7400.00

## 6910-Jars, Reatangular, Museum, With cover, Boroslicat

Approx Height x Length x Breadth	Quantity Per Case	Maximum Price/Piece Rs
200 x 125 x 125	4	2000.00
200 x 150 x 100	4	1800.00
220 x 195 x 80	4	2000.00
250 x 165 x 140	4	2400.00
250 x 250 x 120	4	3300.00
360 x 150 x 100	4	2800.00
Covers only Cat No 6910		110.00

**KETTLES :** Boroslicat brand resin reaction kettles are designed for organic reactins involving ciscous materials.The wide mouth permits easy access to the the interior for claning purosos. Covers are of heavy construction and lower sections are mould blown for maximum reistance to mechanical

breakage. Covers are provided with openings with interchangeable joint for rapid assembly with condensers, stirrers etc. Flanges of covers and bottoms are finely ground for a tight seal.

## 6947-Kettles, Resin Reaction Boroslicat

Cap. ml	Body dia mm	Height mm	Quantity Per Case	Maximum Price / Piece Rs
500	95	178	2	7000.00
1000	108	178	2	7300.00
2000	140	190	2	8900.00
4000	140	343	2	10700.00

The 500 ml and 1000ml kettles have interchangeable covers with four openings to accommodate 24/2 interchangeable joints. Kettles of 2000ml and 4000ml capacity have interchangeable covers with openings to accommodate three 24/29 interchangeable joints and one 24/35 interchangeable joints

## 6948-Bottoms, Only for kettles Cat No 6947, Boroslicat

Capacity ml	Quantity Per Case	Maximum Price/Piece Rs
500	2	2700.00
1000	2	3000.00
2000	2	3900.00
4000	2	5700.00

## 6949-Covers, Only for Kettles Cat No 6947, Boroslicat

Capacity ml	Quantity Per Case	Maximum Price/Piece Rs
500	2	4300.00
1000	2	4300.00

2000	2	5000.00
4000	2	5000.00

Borosilicate pipettes are manufactured from specially selected machine-drawn borosilicate accurate bore glass tubing. They have precision formed jets, bevel ground ends to resist chipping. The graduation marks are in durable white enamel or amber stain, resistant to normal laboratory reagents and repeated washing. All the pipettes are individually measured and then marked. Due to uniformity of bore, accuracy is ensured between any two readings. The pipettes can be autoclaved and, if necessary, can be flamed for sterilisation. Cat no. 7059, 7060, 7079 and 7080 are colour coded on top according to I.S.O. Standards to facilitate easy identification. The Graduation marks are screen printed. The OD of pipettes size 5 ml and above are tooled with uniform OD and ID for easy sucking and cotton plugging. This tooling also gives added strength.

Details of Colour Coding on graduate pipettes.

Capacity of Pipette	Colour code used
0.1 x 0.01 ml	White
0.2 x 0.01 ml	Black
1 x 0.01 ml	Yellow
1 x 0.1 ml	Red
2 x 0.02 ml	Black
2 x 0.1 ml	Green
5 x 0.1 ml	Red
5 x 0.1 ml	Blue
10 x 0.1 ml	Orange

7040-Pipettes, Artificial Insemination, Cattle, Taper Tip Borosilicate

Length mm	Quantity Per Case	Maximum Price/Piece Rs.
450	60	50.00

These are made from machine-drawn high quality tubing. They are sturdy, strong and safe for repeated use and can be sterilised and cleaned conveniently. One end of the pipette is blunt and fire-polished and the other gently tapered to a length of about 12.5 mm and fire polished.

7040-Pipettes, Bacteriological, Graduated, Borosilicate

Capacity ml	Tolerance +/- ml	Quantity Per Case	Maximum Price/Piece Rs.
1.1	0.025	10	77.00
2.2	0.04	10	83.00

These pipettes are used for the bacteriological examination of milk. The 1.1 ml size is graduated at 0.5 & 1.1 ml, the 2.2 ml at 1.0, 2.0, 2.1 and 2.2 ml. The pipettes are as per specifications of I.S. 2025 : 1962.

7057-Pipettes, Gerber, Milk, BOROSIL

Capacity ml	Tolerance +/- ml	Quantity Per Case	Maximum Price/Piece Rs.
10.75	0.03	10	77.00

These are one mark transfer pipettes for measuring 10.75 ml used specifically in the testing of milk by Gerber method. The accuracy is as per I.S.1223 (Part II) : 1972. The pipettes are sturdy and designed for long life. For use in rural milk collection centres also

7059-Pipettes, Measuring (MOHR Type), Accuracy as per class A of I.S. 4162:1985, Borosilicate

Cap. ml	Graduation Interval ml	Tolerane +/-	Quantity Per Case	Maximum Price / Piece Rs
*0.1	0.01	0.006	10	225.00
*0.2	0.01	0.006	10	225.00
1	0.01	0.006	10	188.00
*1	0.1	0.006	10	184.00
2	0.02	0.01	10	210.00
*2	0.1	0.01	10	193.00
5	0.05	0.03	10	245.00
*5	0.1	0.05	10	225.00
10	0.1	0.05	10	260.00
25	0.2	0.1	10	307.00

\*Not covered by IS specifications. These pipettes are graduated for delivery from zero mark to the last graduation mark.

7060-Pipettes Measuring (MOHR Type), Accuracy as per class B of I.S. 4162:1985, Borosilicate

Cap. ml	Graduation Interval ml	Tolerane +/-	Quantity Per Case	Maximum Price / Piece Rs
*0.1	0.01	0.01	20	71.00
*0.2	0.01	0.01	20	67.00
1	0.01	0.01	20	61.00
*1	0.1	0.01	20	59.00
2	0.02	0.02	20	68.00
*2	0.1	0.02	20	66.00
5	0.05	0.05	20	78.00
*5	0.1	0.1	20	76.00
10	0.1	0.1	20	84.00
25	0.2	0.2	20	129.00

\* Not covered by IS specifications. These pipettes are graduated for delivery from zero mark to the last graduation mark.

7062-Pipettes, Measuring (MOHR Type), Accuracy as per class B of I.S. 4162:1985, Borosilicate (White Marking)

Cap. ml	Graduation Interval ml	Tolerane +/-	Quantity Per Case	Maximum Price / Piece Rs
*0.1	0.01	0.01	20	71.00
*0.2	0.01	0.01	20	67.00
1	0.01	0.01	20	61.00
*1	0.1	0.01	20	59.00
2	0.02	0.02	20	68.00
*2	0.1	0.02	20	66.00
5	0.05	0.05	20	78.00



*5	0.1	0.1	20	76.00
10	0.1	0.1	20	84.00
25	0.2	0.2	20	129.00

Not covered by IS specifications These pipettes are graduated for delivery from zero mark to the last graduation mark.

## 7079-Pipettes, Serological, Class A, With Works Certificate, Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/-	Quantity Per Case	Maximum Price / Piece Rs
0.1	0.01	0.006	10	225.00
0.2	0.01	0.006	10	225.00
1	0.01	0.006	10	188.00
1	0.1	0.006	10	184.00
2	0.02	0.01	10	210.00
2	0.1	0.01	10	193.00
5	0.05	0.03	10	245.00
5	0.1	0.05	10	225.00
10	0.1	0.05	10	260.00
25	0.2	0.1	10	307.00

These pipettes are graduated to tip. Two rings at top indicate that these are calibrated to deliver their total capacity when the last drop is blown out.

## 7080-Pipettes, Serological, Borosilicate

Cap. ml	Graduation Interval ml	Tolerance +/-	Quantity Per Case	Maximum Price / Piece Rs
0.1	0.01	0.01	20	71.00
0.2	0.01	0.01	20	67.00
1	0.01	0.01	20	61.00
1	0.1	0.01	20	59.00
2	0.02	0.02	20	68.00
2	0.1	0.02	20	66.00
5	0.05	0.05	20	78.00
5	0.1	0.1	20	76.00
10	0.1	0.1	20	84.00
25	.2	0.2	20	129.00

These pipettes are graduated to tip. Two rings at top indicate that these are calibrated to deliver their total capacity when the last drop is blown out.

## 7082-Pipettes Serological, Borosilicate (White Marking)

Cap. ml	Graduation Interval ml	Tolerance +/-	Quantity Per Case	Maximum Price / Piece Rs
0.1	0.01	0.01	20	95.00
0.2	0.01	0.01	20	90.00
1	0.01	0.01	20	85.00

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1	0.1	0.01	20	80.00
2	0.02	0.02	20	95.00
2	0.1	0.02	20	90.00
5	0.05	0.05	20	105.00
5	0.1	0.1	20	100.00
10	0.1	0.1	20	110.00
25	.2	0.2	20	170.00

These pipettes are graduated to tip. Two rings at top indicate that these are calibrated to deliver their total capacity when the last drop is blown out.

7090-Pipettes Kahn, Accuracy As Per I.S. 4364:1967, Borosil

Cap. ml	Graduation Interval ml	Tolerance +/-	Quantity Per Case	Maximum Price / Piece Rs
0.1	0.005	0.002	10	142.00
0.2	0.01	0.004	10	142.00
0.5	0.02	0.006	10	156.00

Pipettes are calibrated to deliver from zero mark to the graduation mark

7100-Pipettes Transfer, Volumetric, Accuracy As Per Class A Of I.S. 1117 : 1975, Borosilicate

Capacity ml	Tolerance +/- ml	Quantity Per Case	Maximum Price/Piece Rs.
*1	0.007	10	147.00
*2	0.01	10	145.00
5	0.015	10	164.00
10	0.02	10	205.00
20	0.03	10	263.00
25	0.03	10	283.00
50	0.05	10	315.00
100	0.08	10	483.00

7102-Pipettes Transfer, Volumetric, Accuracy As Per Class B Of I.S. 1117 : 1975, Borosilicate

Capacity ml	Tolerance +/- ml	Quantity Per Case	Maximum Price/Piece Rs.
1	0.015	10	61.00
2	0.02	10	61.00
5	0.03	10	67.00
10	0.04	10	83.00
20	0.06	10	99.00
25	0.06	10	100.00
50	0.10	10	121.00
100	0.16	10	184.00

7105-Pipettes Ostwald - Folin, Borosilicate

Capacity ml	Quantity Per Case	Maximum Price/Piece Rs
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0.5	10	121.00
1	10	149.00

These pipettes are generally used for blood serum tests. They are calibrated to deliver by blowing out the last drop.

## STOPCOCKS

Stopcocks are available for both general purpose and high vacuum work. We now offer a bigger range to serve you better. Borosilicate brand stopcocks are manufactured to extremely high standards of quality which ensure uniform surface finish and accuracy of profile and which guarantee high efficiency and reliability. They are individually lapped and it is essential that stoppers and barrels are always correctly paired.

### 7280-Stopcocks, Straight bore, Solid Stopper Plug, Borosilicate

Bore of Stopper mm	Quantity Per Case	Maximum Price/Piece Rs
2	10	320.00
3	10	450.00
4	10	515.00
6	10	650.00

### 7510-Stopcocks Stopcocks High vacuum, Straight Bore, Solid Stopper Plug, Borosilicate

Bore of Stopper mm	Quantity Per Case	Maximum Price/Piece Rs
2	10	630.00
4	10	750.00

### 7520-Stopcocks High vacuum, Straight Bore, Solid Stopper Plug, Borosilicate

Bore of Stopper mm	Quantity Per Case	Maximum Price/Piece Rs
2	10	1050.00

### 7544-Stopcocks High vacuum, Oblique Bore, Vacuum Cap, Hollow Stopper Plug, Borosilicate

Bore of Stopper mm	Quantity Per Case	Maximum Price/Piece Rs
2	10	1631.00
4	10	1810.00
6	10	2685.00

### 7570-Stoppers Interchangeable Ground Joint, Hollow, Penny Head, Borosilicate

Bore of Stopper mm	Quantity Per Case	Maximum Price/Piece Rs
10 / 19	20	112.00
14 / 23	20	112.00
19 / 26	10	112.00
24 / 29	10	131.00
29 / 32	10	146.00

34 / 35	10	205.00
45 / 40	10	336.00
55 /44	5	435.00

## TUBES FOLIN-WU/CENTRIFUGE

We offer an assortment of centrifuge tubes and Folin-Wu Tubes. All are made from uniformly drawn high quality tubing for extended service life and your safety.

### 7840-Tubes Blood Sugar, Folin-wu, As Per I.S. 3740:1966, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
25	20 x 215	20	135.00

The tube is engraved at 12.5 ml and 25 ml

### 7920-Tubes Digestion, Folin - Wu, Borosilicate

Capacity ml	Quantity Per Case	Maximum Price/Piece Rs.
25 x 200	20	93.00

The tube is calibrated at 35 ml and 50 ml

### 8060-Tubes Centrifuge, Conical Bottom Plain, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
15	17 x 120	100	27.00

### 8080-Tubes Centrifuge, Conical Bottom, Graduated, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
15	17 x 120	30	73.00
50	29 x 135	20	156.00

### 8084-Tubes Centrifuge, Conical Bottom, Graduated with Stopper, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
15	17 x 139	30	235.00
50	29 x 151	10	292.00

### 8320-Tubes Centrifuge, Short Conical Bottom, Pour out, Heavy Duty, Plain, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
40	29 x 116	20	103.00

### 8340-Tubes Centrifuge, Short Conical Bottom, Pour out, Heavy Duty, Graduated, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
40	29 x 116	20	189.00

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

## ADAPTERS

Adapters listed here are the most widely used ones and will permit a laboratory to assemble their own apparatus using the flasks and condensers listed herein. The joints are fully interchangeable and made to the same precision as all Borosilicate ground joints.

### 8800-Adapters Enlarging Interchangeable Joints, Borosilicate

Joint Size outer	Joint Size Inner	Quantity Per Case	Maximum Price/Piece Rs.
19/26	14/23	5	178.00
24/29	14/23	5	219.00
24/29	19/26	5	219.00
29/32	19/26	5	270.00
29/32	24/29	5	340.00
34/35	19/26	5	340.00
34/35	24/29	5	340.00
34/35	29/32	5	375.00

### 8820 -Adapters Reducing Interchangeable Joints, Borosilicate

Joint Size outer	Joint Size Inner	Quantity Per Case	Maximum Price/Piece Rs.
14/23	19/26	5	178.00
14/23	24/29	5	219.00
19/26	24/29	5	219.00
19/26	29/32	5	270.00
24/29	29/32	5	340.00
19/26	34/35	5	270.00
24/29	34/35	5	340.00
29/32	34/35	5	346.00
29/32	40/38	5	388.00

With an outer interchangeable joint at top and a larger interchangeable joint at bottom

## TUBES TEST & CULTURE

Test tubes and culture tubes are made from machine drawn, uniform thickness, low expansion borosilicate glass tubing. The bottoms of these are with uniform thickness to withstand both mechanical and thermal shocks. The rims wherever provided, are strong. Test-tubes without rim (Culture tubes) have heavy fire-polished ends which are resistant to mechanical shocks of daily use. Culture tubes are good for cell growth. The caps and washers provided on Screw cap Culture tubes withstand repeated autoclaving.

### 9800-Tubes- Test, With Rim, Borosilicate

Approx	Quantity	Maximum
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O.D. x Length mm	Per Case	Price/Piece Rs.
10 x 75	800	4.30
12 x 75	800	4.90
12 x 100	800	6.10
15 x 125	800	8.10
15 x 150	400	9.80
18 x 150	400	10.60
25 x 100	200	14.70
25 x 150	200	16.70
25 x 200	100	21.30
32 x 200	50	34.00
38 x 200	50	40.00

9820-Tubes - Test (Culture), Without Rim, Borosilicate

Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
10 x 75	800	4.30
12 x 75	800	4.90
12 x 100	800	6.10
15 x 125	800	8.10
15 x 150	400	9.80
16 x 100	800	9.00
18 x 150	400	10.60
25 x 100	200	14.70
25 x 150	200	16.70
25 x 200	100	21.30
32 x 200	50	34.00
38 x 200	50	40.00

9830-Tubes Tubes Test Graduated, With Interchangeable Stopper, Borosilicate

Capacity ml	Approx O.D. x Length	Graduation Interval	Stopper Size	Qty Per Case	Maximum Price/Piece Rs
15	15 x 150	0.2	14 / 15	30	105.00
20	18 x 150	0.5	14 / 15	30	116.00

9900-Tubes - Culture, Media, Round Bottom, With Screw Cap and Rubber Liner, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
5	16 x 175	100	19.00
10	16 x 125	100	21.00
30	25 x 100	100	31.00
60	25 x 200	50	36.00

These are ideal replacement for media culture bottles. They are provided

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with special bakelite caps to facilitate handling and sealing. The caps have a rubber liner.

9910-Tubes - Culture, Media, Flat Bottom, With Screw Cap and Rubber Liner, Borosilicate

Capacity ml	Approx O.D. x Length mm	Quantity Per Case	Maximum Price/Piece Rs.
5	16 x 50	150	19.00
15	25 x 57	120	23.00
30	25 x 95	240	33.00

Similar to 9900 but with flat bottom for convenient storage. Ideal replacement for Bijou Bottles, Mc Cartney Bottles and Universal Bottles

9980-Caps, Bakelite Screw Cap only, with Rubber Liner Borosilicate

Capacity ml	Fitting Tube Dia	Quantity Per Case	Maximum Price/Piece Rs.
5 & 10 ml	16 mm	100	4.50
15 & 60ml	25 mm	100	5.50



# LABPRO INTERNATIONAL

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