

Cylinders

Measuring cylinders serve simultaneously to receive and measure different amounts of liquids. Made from specially drawn 3.3 Borosilicate glass tubing with durable, easy to read graduations for assured accuracy.

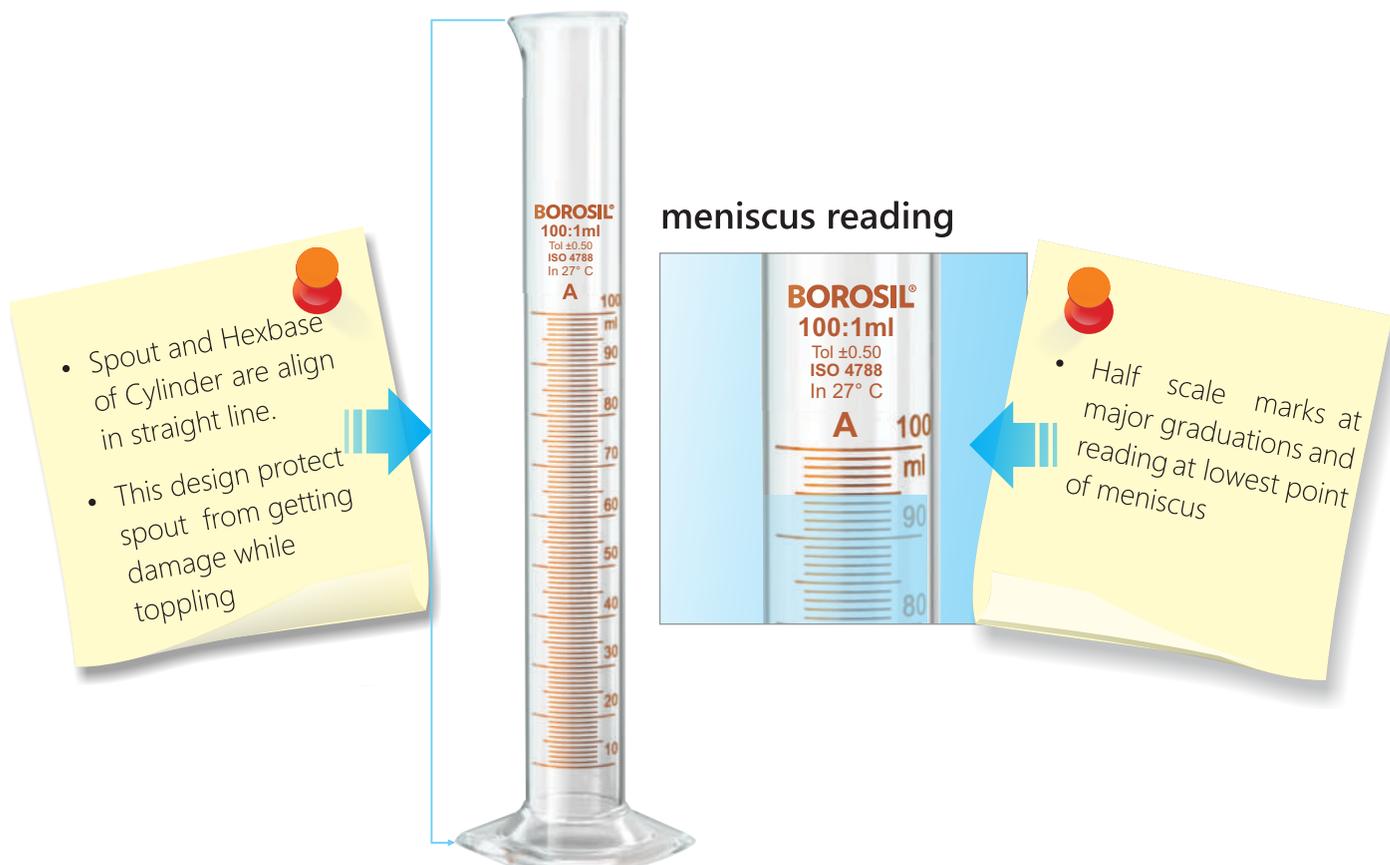
Borosil Brand Cylinders are built to last long. We have built strength features into every cylinder. Heavy uniform wall tubing and strong stable hexagonal base contribute to sturdiness. Hexagonal base also prevents them from rolling off a laboratory bench. They are available in capacities from 5 ml to 2000 ml.

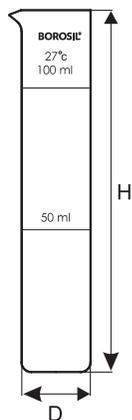
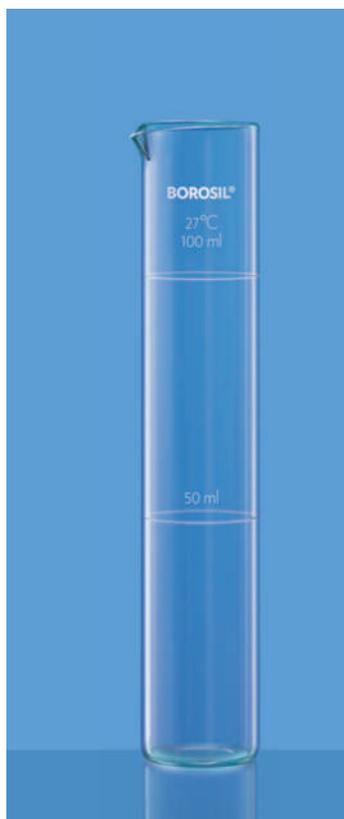
For accurate work, Class A certified cylinders are available.

Our range also includes Nessler Colour Comparison and Rain Measure Cylinders.



- Complies with highest quality standards according to IS 878 and EN ISO 4788
- Manufactured From 3.3 Low expansion borosilicate glass with precision bore tubing
- Individually calibrated on automatic calibration machine for precision and high accuracy
- Strict quality control through all steps eradicate possible deviations
- All measuring cylinders are calibrated to contain (TC, In) and all tolerances are according to IS / ISO / DIN / ASTM class " A " Standards
- Supplied with individual certificate and can be download from the BOROSIL website
- Specially designed hexagonal base provides sturdiness to the cylinder
- Perfect spout designed assures pouring without any drips
- Graduations and Inscriptions are printed in amber / white enamel
- Cylinders are also available with penny head stopper





2975 - NESSLER CYLINDERS

- Complies with IS 4161
- Facilitates colour comparison of water samples
- Manufactured from precision bore 3.3 borosilicate tubing selected for freedom from colour or visible defects
- White enamel inscriptions

| Product Code | Capacity ml | Approx O.D. x Height mm | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|-------------------------|-------------------|-----------------|
| 2975012 | 50 | 25 x 150 | 20 | 177.00 |
| 2975016 | 100 | 34 x 180 | 30 | 260.00 |

100 ml Cylinder is marked at 50 ml and 100 ml

50 ml Cylinders is marked at 50 ml

2981 - CYLINDERS

Graduated, Single Metric Scale, with Penny Head
Interchangeable Stopper with Hexagonal Base, Class A,
with Certificate

- Complies with IS 878, EN ISO 4788
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in Amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Solid glass stopper



| Product Code | Capacity ml | Graduation Interval ml | Tolerance \pm ml | Stopper Size | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|------------------------|--------------------|--------------|-------------------|-----------------|
| 2981005 | 5 | 0.1 | 0.05 | 10 / 19 | 5 | 733.00 |
| 2981006 | 10 | 0.2 | 0.10 | 10 / 19 | 5 | 806.00 |
| 2981009 | 25 | 0.5 | 0.25 | 14 / 19 | 10 | 926.00 |
| 2981012 | 50 | 1.0 | 0.50 | 14 / 23 | 10 | 1045.00 |
| 2981016 | 100 | 1.0 | 0.50 | 19 / 26 | 10 | 1227.00 |
| 2981021 | 250 | 2.0 | 1.00 | 24 / 29 | 5 | 1929.00 |
| 2981024 | 500 | 5.0 | 2.50 | 24 / 29 | 5 | 2475.00 |
| 2981029 | 1000 | 10.0 | 5.00 | 34 / 35 | 4 | 3032.00 |
| 2981030 | 2000 | 20.0 | 10.0 | 34 / 35 | 4 | 4815.00 |

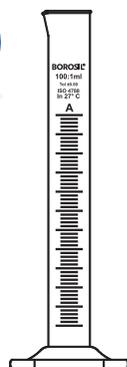
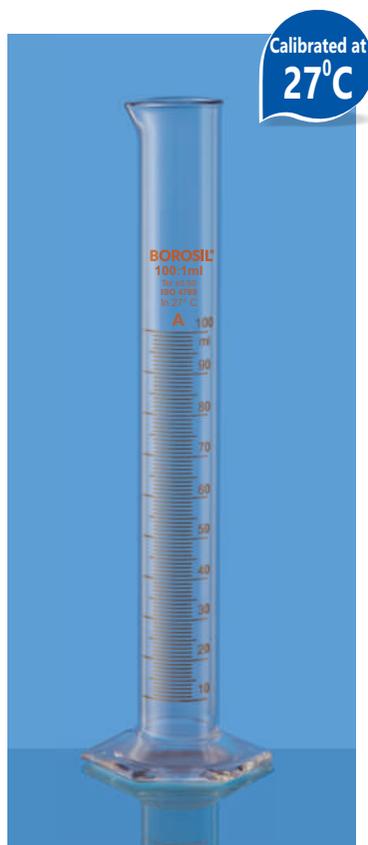
2982 - CYLINDERS

Graduated, Single Metric Scale, with Penny Head
Interchangeable Stopper with Hexagonal base, Class B

- Complies with IS 878, EN ISO 4788
- Graduations in Amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Solid glass stopper



| Product Code | Capacity ml | Graduation Interval ml | Tolerance \pm ml | Stopper Size | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|------------------------|--------------------|--------------|-------------------|-----------------|
| 2982005 | 5 | 0.1 | 0.1 | 10 / 19 | 5 | 390.00 |
| 2982006 | 10 | 0.2 | 0.2 | 10 / 19 | 5 | 416.00 |
| 2982009 | 25 | 0.5 | 0.5 | 14 / 19 | 10 | 463.00 |
| 2982012 | 50 | 1.0 | 1.0 | 14 / 23 | 10 | 520.00 |
| 2982016 | 100 | 1.0 | 1.0 | 19 / 26 | 10 | 640.00 |
| 2982021 | 250 | 2.0 | 2.0 | 24 / 29 | 10 | 1082.00 |
| 2982024 | 500 | 5.0 | 5.0 | 24 / 29 | 5 | 1498.00 |
| 2982029 | 1000 | 10.0 | 10.0 | 34 / 35 | 4 | 2163.00 |
| 2982030 | 2000 | 20.0 | 20.0 | 34 / 35 | 4 | 3744.00 |



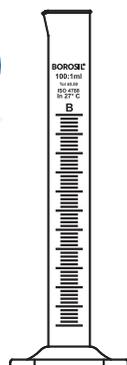
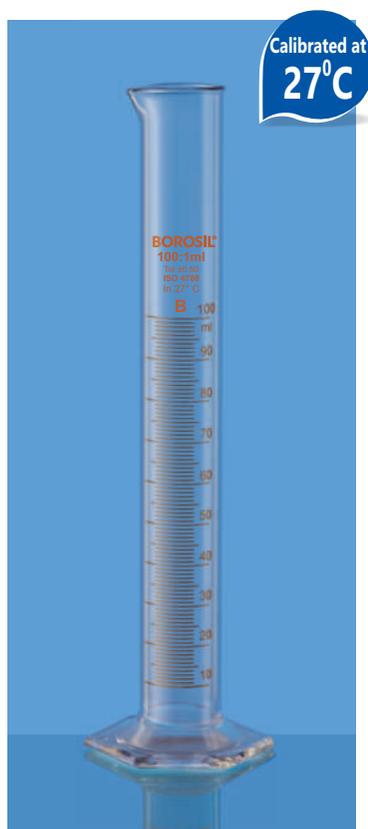
3021-CYLINDERS

Graduated, Single Metric Scale, with Pour Out, with Hexagonal Base, Class A, with Certificate

- Complies with IS 878, EN ISO 4788
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in Amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability

| Product Code | Capacity ml | Graduation Interval ml | Tolerance \pm ml | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|------------------------|--------------------|-------------------|-----------------|
| 3021005 | 5 | 0.1 | 0.05 | 5 | 442.00 |
| 3021006 | 10 | 0.2 | 0.1 | 5 | 504.00 |
| 3021008 | 20* | 1.0 | 0.25 | 10 | 645.00 |
| 3021009 | 25 | 0.5 | 0.25 | 10 | 582.00 |
| 3021012 | 50 | 1.0 | 0.5 | 10 | 702.00 |
| 3021016 | 100 | 1.0 | 0.5 | 10 | 796.00 |
| 3021018 | 150* | 2.0 | 1.0 | 5 | 1056.00 |
| 3021021 | 250 | 2.0 | 1.0 | 10 | 1175.00 |
| 3021024 | 500 | 5.0 | 2.5 | 5 | 1638.00 |
| 3021029 | 1000 | 10.0 | 5.0 | 4 | 2002.00 |
| 3021030 | 2000 | 20.0 | 10.0 | 4 | 3890.00 |

*20 & 150 ml Not covered in any standards.



3022 - CYLINDERS

Graduated, Single Metric Scale, with Pour out, with Hexagonal Base, Class B

- Complies with IS 878, EN ISO 4788
- Graduations in Amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability

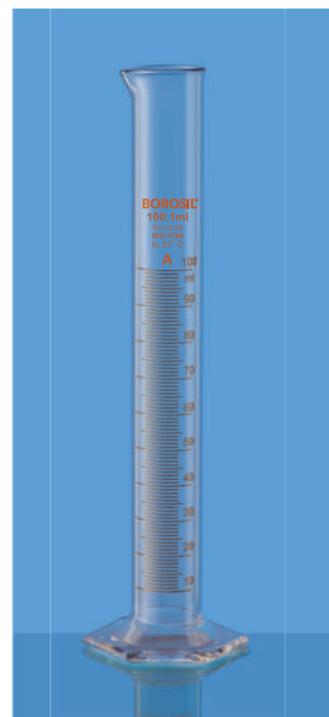
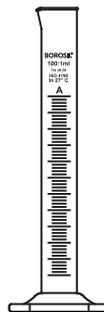
| Product Code | Capacity ml | Graduation Interval ml | Tolerance \pm ml | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|------------------------|--------------------|-------------------|-----------------|
| 3022005 | 5 | 0.1 | 0.1 | 5 | 239.00 |
| 3022006 | 10 | 0.2 | 0.2 | 5 | 286.00 |
| 3022009 | 25 | 0.5 | 0.5 | 10 | 338.00 |
| 3022012 | 50 | 1.0 | 1.0 | 20 | 364.00 |
| 3022016 | 100 | 1.0 | 1.0 | 20 | 416.00 |
| 3022018 | 150* | 2.0 | 2.0 | 5 | 567.00 |
| 3022021 | 250 | 2.0 | 2.0 | 10 | 764.00 |
| 3022024 | 500 | 5.0 | 5.0 | 5 | 998.00 |
| 3022029 | 1000 | 10.0 | 10.0 | 4 | 1513.00 |
| 3022030 | 2000 | 20.0 | 20.0 | 4 | 2902.00 |

*150 Not covered in any standards.

2010 - CYLINDERS

Graduated, Single Metric Scale, with Pour Out, with Hexagonal Base, Class A, with Certificate, NABL Certified

- Complies with IS 1997, EN ISO 4788

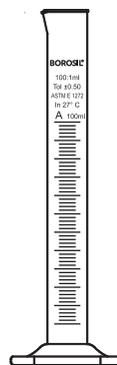


| Product Code | Capacity ml | Graduation Interval | Tolerance ± ml | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|---------------------|----------------|-------------------|-----------------|
| 2010005 | 5 | 0.1 | 0.05 | 1 | 962.00 |
| 2010006 | 10 | 0.2 | 0.1 | 1 | 1050.00 |
| 2010009 | 25 | 0.5 | 0.25 | 1 | 1243.00 |
| 2010012 | 50 | 1.0 | 0.5 | 1 | 1472.00 |
| 2010016 | 100 | 1.0 | 0.5 | 1 | 1664.00 |
| 2010018 | 150* | 2.0 | 1.0 | 1 | 2236.00 |
| 2010021 | 250 | 2.0 | 1.0 | 1 | 2522.00 |
| 2010024 | 500 | 5.0 | 2.5 | 1 | 3432.00 |
| 2010029 | 1000 | 10.0 | 5.0 | 1 | 4243.00 |
| 2010030 | 2000 | 20.0 | 10.0 | 1 | 8133.00 |

3026 - CYLINDERS

Graduated, Single Metric Scale, with Pour Out, with Hexagonal Base, Accuracy as per ASTM, Class A with Certificate (USP)

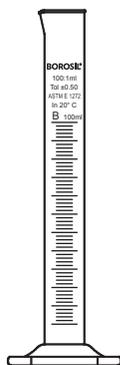
- Complies with ASTM E 1272
- Calibrated as per Class A tolerances required by the United States Pharmacopoeia (USP) that are tighter than those of ISO / DIN standards
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in Amber enamel
- Manufactured with chemically resistant 3.3 borosilicate glass
- Sturdy hexagonal base prevents roll-over and ensures greater stability



Calibrated at
20°C



| Product Code | Capacity ml | Graduation Interval ml | Tolerance ± ml | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|------------------------|----------------|-------------------|-----------------|
| 3026005 | 5 | 0.1 | 0.05 | 5 | 510.00 |
| 3026006 | 10 | 0.2 | 0.10 | 5 | 588.00 |
| 3026009 | 25 | 0.5 | 0.17 | 5 | 666.00 |
| 3026012 | 50 | 1.0 | 0.25 | 5 | 811.00 |
| 3026016 | 100 | 1.0 | 0.50 | 5 | 910.00 |
| 3026021 | 250 | 2.0 | 1.00 | 5 | 1321.00 |
| 3026024 | 500 | 5.0 | 2.00 | 4 | 1742.00 |
| 3026029 | 1000 | 10.0 | 3.00 | 4 | 2148.00 |
| 3026030 | 2000 | 20.0 | 6.00 | 4 | 4025.00 |

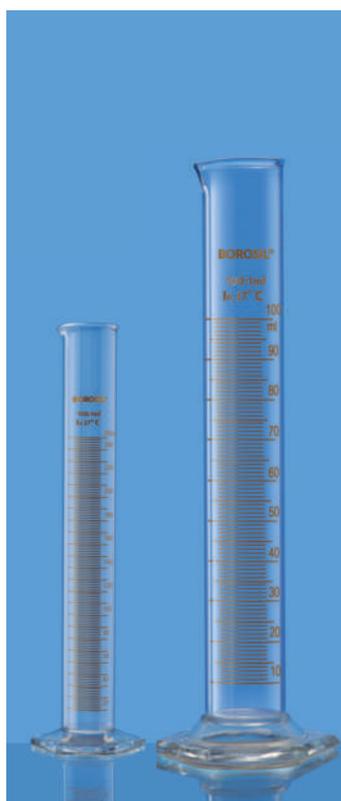


3027 - CYLINDERS

Graduated, Single Metric Scale With Pour Out with Hexagonal Base, Accuracy as per ASTM, Class B (USP)

- Complies with ASTM E 1272
- Calibrated as per Class B tolerances required by the United States Pharmacopoeia (USP) that are tighter than those of ISO / DIN standards
- Graduations in Amber enamel
- Manufactured with chemically resistant 3.3 borosilicate glass
- Sturdy hexagonal base prevents roll-over and ensures greater stability

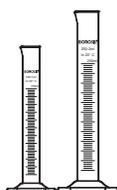
| Product Code | Capacity ml | Graduation Interval ml | Tolerance \pm ml | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|------------------------|--------------------|-------------------|-----------------|
| 3027005 | 5 | 0.1 | 0.10 | 5 | 307.00 |
| 3027006 | 10 | 0.2 | 0.20 | 5 | 348.00 |
| 3027009 | 25 | 0.5 | 0.34 | 10 | 411.00 |
| 3027012 | 50 | 1 | 0.50 | 10 | 463.00 |
| 3027016 | 100 | 1 | 1.00 | 10 | 504.00 |
| 3027021 | 250 | 2 | 2.00 | 10 | 884.00 |
| 3027024 | 500 | 5 | 4.00 | 5 | 1102.00 |
| 3027029 | 1000 | 10 | 6.00 | 4 | 1633.00 |
| 3027030 | 2000 | 20 | 12.00 | 4 | 3021.00 |



3032 - TAPPED DENSITY CYLINDER

As Per USP, Ch. 616

- Used in tapped density apparatus to measure bulk density of powders



| Product Code | Capacity ml | Quantity Per Case Set | Price / Set ₹ |
|--------------|-------------|-----------------------|---------------|
| 3032041 | 100 & 250 | 1 Each | 2434.00 |

3033 - TAPPED DENSITY CYLINDER

As Per USP, Ch. 616



| Product Code | Capacity ml | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|-------------------|-----------------|
| 3033016 | 100 | 2 | 1014.00 |

3034 - TAPPED DENSITY CYLINDER

As Per USP, Ch. 616

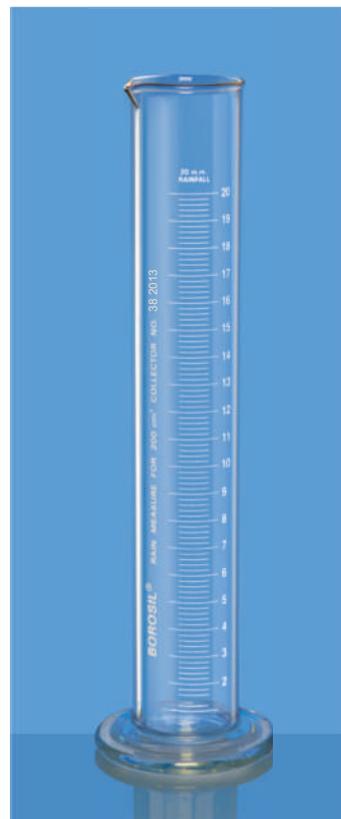
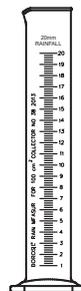


| Product Code | Capacity ml | Quantity Per Case | Price / Piece ₹ |
|--------------|-------------|-------------------|-----------------|
| 3034021 | 250 | 2 | 1264.00 |

3070 - CYLINDERS

Rain Measure, Metric Scale, Graduated, With Round Base

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



| Product Code | Size mm | Used For Collector Area cm ² | Graduation Interval mm | Tolerance ± mm | Quantity Per Case | Price / Piece ₹ |
|--------------|---------|---|------------------------|----------------|-------------------|-----------------|
| 3070096 | 20 | 200 | 0.2 | 0.05 | 5 | 1295.00 |
| 3070098 | 20 | 100 | 0.2 | 0.10 | 10 | 1518.00 |