

TLG[®] MEASURING CYLINDER



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Cylinders, Non Serialized Double Metric Graduations, Class A, To Deliver (TD)

- > Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements
- > Double metric scale graduated glass cylinders are calibrated "To Deliver"
- > White graduation easy to read
- > Supplied with bumper guards
- > Hexagonal base ground flat for stability
- > White durable ceramic enamel

Catalog Number	Capacity (mL)	Graduation Interval	Tolerance (mL)	Sub Division	Pack Type
138.202.02TD	10 mL	1 to 10	±0.09 mL	0.1 mL	2
138.202.03TD	25 mL	2 to 25	±0.17 mL	0.2 mL	2
138.202.04TD	50 mL	3 to 50	±0.25 mL	1 mL	2
138.202.05TD	100 mL	5 to 100	±0.40 mL	1 mL	2
138.202.06TD	250 mL	10 to 250	±0.80 mL	2 mL	2
138.202.07TD	500 mL	25 to 500	±1.30 mL	5 mL	2
138.202.08TD	1000 mL	50 to 1000	±2.50 mL	10 mL	2
138.202.09TD	2000 mL	100 to 2000	±6.00 mL	20 mL	2



Cylinders, Non Serialized Double Metric Graduations, Class A, To Contain (TC)

- > Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements
- > Double metric scale graduated glass cylinders are calibrated "to Contain"
- > White graduation easy to read
- > Supplied with bumper guards
- > Hexagonal base ground flat for stability
- > White durable ceramic enamel

Catalog Number	Capacity (mL)	Graduation Interval	Tolerance (mL)	Sub Division	Pack Type
138.202.02TC	10 mL	1 to 10	±0.09 mL	0.1 mL	2
138.202.03TC	25 mL	2 to 25	±0.17 mL	0.2 mL	2
138.202.04TC	50 mL	3 to 50	±0.25 mL	1 mL	2
138.202.05TC	100 mL	5 to 100	±0.40 mL	1 mL	2
138.202.06TC	250 mL	10 to 250	±0.80 mL	2 mL	2
138.202.07TC	500 mL	25 to 500	±1.30 mL	5 mL	2
138.202.08TC	1000 mL	50 to 1000	±2.50 mL	10 mL	2
138.202.09TC	2000 mL	100 to 2000	±6.00 mL	20 mL	2



Cylinders, Non Serialized, Single Metric Graduations, Class A, To Deliver (TD)

- > Cylinders with single metric scale.
- > Manufactured from borosilicate glass 3.3
- > The "TD" appears on each cylinder and indicates the cylinder is calibrated to deliver
- > Supplied with bumper guards
- > It has flat hexagonal base for the stability
- > Designed as per ASTM Specification E1272, Style 1, Class A requirements
- > White markings are made of durable ceramic enamel

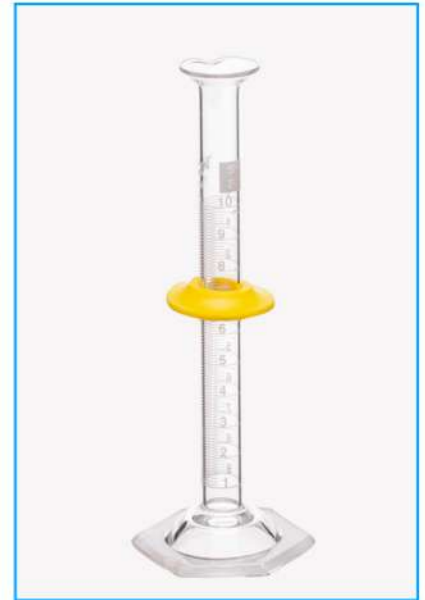
Catalog Number	Capacity (mL)	Graduation Interval	Tolerance (mL)	Sub Division	Pack Type
139.202.01TD	5 mL	0.5 to 5	±0.05 mL	0.1 mL	2
139.202.02TD	10 mL	1 to 10	±0.09 mL	0.1 mL	2
139.202.03TD	25 mL	2 to 25	±0.17 mL	0.2 mL	2
139.202.04TD	50 mL	3 to 50	±0.25 mL	1 mL	2
139.202.05TD	100 mL	5 to 100	±0.40 mL	1 mL	2
139.202.06TD	250 mL	10 to 250	±0.80 mL	2 mL	2
139.202.07TD	500 mL	25 to 500	±1.30 mL	5 mL	2
139.202.08TD	1000 mL	50 to 1000	±2.50 mL	10 mL	2
139.202.09TD	2000 mL	100 to 2000	±6.00 mL	20 mL	2



Cylinders, Non Serialized, Single Metric Graduations, Class A, To Contain (TC)

- › Cylinders with single metric scale.
- › Manufactured from borosilicate glass 3.3
- › The “TC” appears on each cylinder and indicates the cylinder is calibrated to contain
- › Supplied with bumper guards
- › It has flat hexagonal base for the stability
- › Designed as per ASTM Specification E1272, Style 1, Class A requirements
- › White markings are made of durable ceramic enamel

Catalog Number	Capacity (mL)	Graduation Interval	Tolerance (mL)	Sub Division	Pack Type
139.202.01TC	5 mL	0.5 to 5	±0.05 mL	0.1 mL	2
139.202.02TC	10 mL	1 to 10	±0.09 mL	0.1 mL	2
139.202.03TC	25 mL	2 to 25	±0.17 mL	0.2 mL	2
139.202.04TC	50 mL	3 to 50	±0.25 mL	1 mL	2
139.202.05TC	100 mL	5 to 100	±0.40 mL	1 mL	2
139.202.06TC	250 mL	10 to 250	±0.80 mL	2 mL	2
139.202.07TC	500 mL	25 to 500	±1.30 mL	5 mL	2
139.202.08TC	1000 mL	50 to 1000	±2.50 mL	10 mL	2
139.202.09TC	2000 mL	100 to 2000	±6.00 mL	20 mL	2



Serialized and Certified Cylinders, Single Metrics Graduations, Class A, To Deliver (TD)

- › Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements
- › Single metric scale graduated glass cylinders are calibrated "to deliver"
- › Supplied with a certificate of Calibration
- › White graduation easy to read
- › Hexagonal base ground flat for stability
- › Supplied with bumper guards

Catalog Number	Capacity (mL)	Graduation Interval	Tolerance (mL)	Sub Division	Pack Type
139.302.01TD	5 mL	0.5 to 5	±0.05 mL	0.1 mL	2
139.302.02TD	10 mL	1 to 10	±0.09 mL	0.1 mL	2
139.302.03TD	25 mL	2 to 25	±0.17 mL	0.2 mL	2
139.302.04TD	50 mL	3 to 50	±0.25 mL	1 mL	2
139.302.05TD	100 mL	5 to 100	±0.40 mL	1 mL	2
139.302.06TD	250 mL	10 to 250	±0.80 mL	2 mL	2
139.302.07TD	500 mL	25 to 500	±1.30 mL	5 mL	2
139.302.08TD	1000 mL	50 to 1000	±2.50 mL	10 mL	2
139.302.09TD	2000 mL	100 to 2000	±6.00 mL	20 mL	2
139.302.10TD	4000 mL	500 to 4000	±29.00 mL	40 mL	2



Cylinders, Single Metric Scale, With Bumper Guard, Plastic Hexagonal Base, Class A, To Deliver (TD)

- › Borosilicate glass
- › Blue-ceramic-enamel graduations
- › Include hexagonal plastic base for stability
- › Single metric scale
- › Calibrated "To Deliver"

Catalog Number	Capacity (mL)	Graduation Interval	Sub Division	Pack Type
137.202.02	10 mL	0.4 to 10	0.2 mL	6
137.202.03	25 mL	1 to 25	0.5 mL	6
137.202.04	50 mL	2 to 50	1 mL	6
137.202.05	100 mL	2 to 100	1 mL	6



Cylinders, Non Serialized, White Scale, Mixing, Single Metric Scale To Contain(TC) Class A

- These graduated cylinders are calibrated "To Contain (TC)"
- Used as a mixing cylinders
- Graduation are in durable white enamel
- Flat hexagonal base for the stability.
- A glass stopper is supplied.
- Comes with a LOT Calibration Certificate. ASTM specification E1272, style 2, Class A requirement.

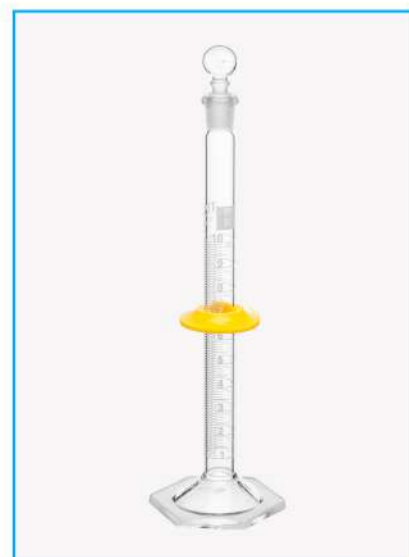
Catalog Number	Capacity (mL)	Graduation Interval	Tolerance (mL)	Stopper	Sub Division	Pack Type
140.202.02TC	10 mL	1 to 10	±0.08 mL	9	0.1 mL	2
140.202.03TC	25 mL	2 to 25	±0.14 mL	13	0.2 mL	2
140.202.04TC	50 mL	3 to 50	±0.20 mL	16	1 mL	2
140.202.05TC	100 mL	5 to 100	±0.35 mL	22	1 mL	2
140.202.06TC	250 mL	10 to 250	±0.65 mL	27	2 mL	2
140.202.07TC	500 mL	25 to 500	±1.10 mL	32	5 mL	2
140.202.08TC	1000 mL	50 to 1000	±2.00 mL	32	10 mL	2



Cylinders, Serialized and Certified, White Scale, Mixing, Single Metric Scale To Contain (TC), Class A

- These graduated cylinders are calibrated "To Contain (TC)"
- Used as a mixing cylinders
- Graduation are in durable white enamel
- Flat hexagonal base for the stability.
- A glass stopper is supplied.
- Comes with an individual Calibration Certificate. ASTM specification E1272, style 2, Class A requirement.

Catalog Number	Capacity (mL)	Graduation Interval	Tolerance (mL)	Stopper	Sub Division	Pack Type
140.302.02TC	10 mL	1 to 10	±0.08 mL	9	0.1 mL	2
140.302.03TC	25 mL	2 to 25	±0.14 mL	13	0.2 mL	2
140.302.04TC	50 mL	3 to 50	±0.20 mL	16	1 mL	2
140.302.05TC	100 mL	5 to 100	±0.35 mL	22	1 mL	2
140.302.06TC	250 mL	10 to 250	±0.65 mL	27	2 mL	2
140.302.07TC	500 mL	25 to 500	±1.10 mL	32	5 mL	2
140.302.08TC	1000 mL	50 to 1000	±2.00 mL	32	10 mL	2



Measuring Cylinder, Polypropylene (PP), Class B

- Molded in large, easy to read graduations.
- Molded in highest quality translucent virgin polypropylene.
- Cylinders have generous pour spout for smooth flow of liquid during pouring.
- Hexagonal shape gives stability to the base.
- Can be autoclaved.
- Meet accuracy requirements of class B under "DIN 1261/ISO 6706"

Catalog Number	Capacity (mL)	Sub Division	Tolerance (mL)	Height	Pack Type
CS-P050301	10 mL	0.2 mL	±0.2 mL	138 mm	2
CS-P050302	25 mL	0.5 mL	±0.5 mL	170 mm	2
CS-P050303	50 mL	1.0 mL	±1.0 mL	198 mm	2
CS-P050304	100 mL	1.0 mL	±1.0 mL	257 mm	2
CS-P050305	250 mL	2.0 mL	±2.0 mL	314 mm	2
CS-P050306	500 mL	5.0 mL	±5.0 mL	344 mm	2
CS-P050307	1000 mL	10.0 mL	±10.0 mL	412 mm	2
CS-P050308	2000 mL	20.0 mL	±20.0 mL	482 mm	2



Hydrometer Cylinders

- Borosilicate glass
- Large, stable, round base
- Pour out on top

Catalog Number	Capacity (mL)	Approx O.D.	Height	Pack Type
CS-144-100	100 mL	29 mm	254 mm	2
CS-144-1000	1000 mL	64 mm	465 mm	2
CS-144-250	250 mL	39 mm	340 mm	2
CS-144-300	300 mL	39 mm	381 mm	2
CS-144-500	500 mL	50 mm	390 mm	2



Nessler Cylinder

- Nessler cylinder for color comparison
- Flat base
- Made of borosilicate glass and graduated to class A standards
- It includes an optically plane bottom till as marking for nominal stroke volume and halfway mark

Catalog Number	Capacity (mL)	Sub Division	Tolerance	Pack Type
143.202.01	50 mL	25 to 50 mL	0.4 mL	2
143.202.02	100 mL	50 to 100 mL	0.8 mL	6



Tap Density Cylinder

Funnel top graduated cylinder with hexagonal base

Catalog Number	Capacity (mL)	Base Type	Pack Type
141.202.01	100 mL	Round	2
141.202.02	250 mL	Round	2
141.302.01	100 mL	Hexagonal	2
141.302.02	250 mL	Hexagonal	2



Cylinders, Soil Suspension, ASTM-AASHO

- Round base, approximately 107 mm in diameter, fits into the metal baths in generally used for this work. Calibrated to contain
- Scale is durable white ceramic enamel.
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements.
- Used in determining the amount of soil in dispersed suspensions as described in ASTM Standard Method D422 and AASHO Method T 88. With heavy beaded finish at top.

Catalog Number	Capacity (mL)	Tolerance	Height	Pack Type
CS-145-1000	1000 mL	±5.0 mL	457 mm	2
CS-145-1205	1205 mL	±5.0 mL	457 mm	2





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