



# **TLG<sup>®</sup>**

# **BURETTES**

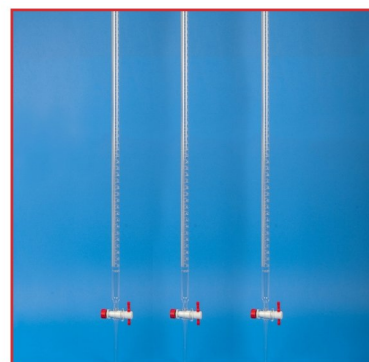
## **(Class A)**

ChemScience Carries Class A and educational grade burettes (burets). Standard and specialized Burets from 5ml to 100 mL capacities. Available in Reservoir-fill and funnel-fill versions . Volume content tolerances and material types conform to the standards you depend upon like USP, ASTM, DIN, and ISO.

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## Burette With Straight Bore PTFE Key Stopcock, Batch Certified, Class A

Burettes meet ASTM E-287 Class A specification and have white permanent markings with sharp, fine lines. Each number is designed in large size to be read easily. To have proper drainage rates, the tips of the burette must have accurate bore tubing.



Catalog No.	Description	Capacity	Tolerance	Grad. Interval	Pack Type
114.202.01	Burette With Straight Bore PTFE Key Stopcock,Class A	10 mL	±0.02 mL	0.05	Each
114.202.01A	Burette With Straight Bore PTFE Key Stopcock,Class A	16 mL	±0.02 mL	0.10	Each
114.202.02	Burette With Straight Bore PTFE Key Stopcock,Class A	25 mL	±0.03 mL	0.10	Each
114.202.03	Burette With Straight Bore PTFE Key Stopcock,Class A	50 mL	±0.05 mL	0.10	Each
114.202.03A	Burette With Straight Bore PTFE Key Stopcock,Class A	60 mL	±0.05 mL	0.10	Each
114.202.04	Burette With Straight Bore PTFE Key Stopcock,Class A	100 mL	±0.10 mL	0.20	Each

## Burette With Straight Bore PTFE Key Stopcock, Individually Serialized, Class A

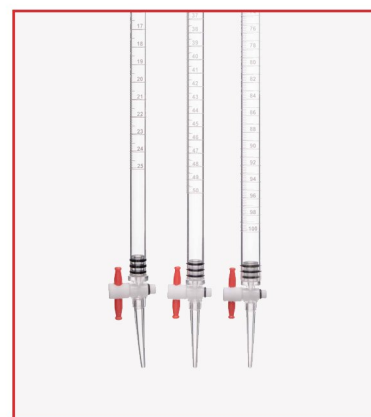
Burettes, individually serialized and certified, meet ASTM E-287 Class A specification and have white permanent markings with sharp, fine lines. Each number is designed in large size to be read easily. To have proper drainage rates, the tips of the burette must have accurate bore tubing.



Catalog No.	Description	Capacity	Tolerance	Grad. Interval	Pack Type
114.302.01	Burette With Straight Bore PTFE Key Stopcock,Class A	10 mL	±0.02 mL	0.05	Each
114.302.01A	Burette With Straight Bore PTFE Key Stopcock,Class A	16 mL	±20.0 mL	0.10	Each
114.302.02	Burette With Straight Bore PTFE Key Stopcock,Class A	25 mL	±0.03 mL	0.10	Each
114.302.03	Burette With Straight Bore PTFE Key Stopcock,Class A	50 mL	±0.05 mL	0.10	Each
114.302.03A	Burette With Straight Bore PTFE Key Stopcock,Class A	60 mL	±0.05 mL	0.10	Each
114.302.04	Burette With Straight Bore PTFE Key Stopcock,Class A	100 mL	±0.10 mL	0.20	Each

## Burette, Micro-Precision, With Straight Bore PTFE Key Stopcock - Batch Certified

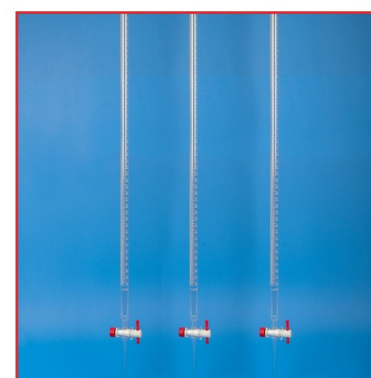
- Precision bore burette is permanently marked
- Supplied with a Certificate of Graduation Accuracy
- Easy-to-read durable ceramic enamel scale
- 2 mm straight bore stopcock plug
- Supplied with a chemically-resistant, self-lubricating PTFE stopcock plug
- Manufactured and Calibrated to ASTM Specifications E694 and E542
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Catalog No.	Description	Capacity	Tolerance	Grad. Interval	Pack Type
114.302.00	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	5 mL	±0.01 mL	0.01	Each
114.302.01F	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	10 mL	±0.02 mL	0.02	Each
114.302.02F	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	25 mL	±0.03 mL	0.05	Each

## Burette, Micro-Precision, With Straight Bore PTFE Key Stopcock- Individually Serialized

- Easy-to-read durable ceramic enamel scale
- 2 mm straight bore stopcock plug
- Supplied with a chemically-resistant, self-lubricating PTFE stopcock plug
- Manufactured and Calibrated to ASTM Specifications E694 and E542
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Catalog No.	Description	Capacity	Tolerance	Grad. Interval	Pack Type
114.202.00	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	5 mL	±0.01 mL	0.01	Each
114.202.01F	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	10 mL	±0.02 mL	0.02	Each
114.202.02F	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	25 mL	±0.03 mL	0.05	Each

## TLG® Burette, Economy Grade, PTFE Locking Stopcock

A conservative burette outlined to diminish substitution costs by giving replaceable components. These robust, durable burettes have tooled tops and bottoms and white finish graduations. The screw thread locking PTFE stopcock with ground tip is compatible with existing burette bodies. The modern replaceable stopcock gathering highlights a screw string locking nut and collar which guarantees that the stopcock cannot drop out in utilizing.



Catalog No.	Description	Capacity	Color	Grad. Interval	Height	Pack Type
CS-2116025	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	25 mL	Amber	0.10	450mm	Each
CS-2116050	Micro-Precision , Burette With Straight Bore PTFE Key Stopcock, Class A	50 mL	Black	0.10	740mm	Each

## Straight Bore PTFE Stopcock Burets, Funnel Filled - Educational Grade, Class A tolerance

Economical, versatile, TLG® burette, composed of four replaceable components. The graduated barrel has a reinforced top and a lower end ruggedly constructed and accurately tooled to provide precise fit with a PTFE stopcock assembly. Assembly should be wetted before installation. A ground tip fits into lower end of PTFE stopcock assembly. The short length of 25mL size fits most student laboratory drawers.



Catalog No.	Description	Color	Capacity	Tolerance	Grad. Interval	Pack Type
115.202.01	Burette, Glass Education Grade Burette, PTFE Key Stopcock,	White	25 mL	-	-	Each
115.202.01BL	Education Grade Burette, PTFE Key Stopcock, class A	Black	25 mL	±0.03 mL	0.10	Each
115.202.02BL	Straight Bore PTFE Stopcock Burets, Funnel Filled - Educational Grade, Class A	Black	50 mL	±0.05 mL	0.10	Each

## Replacement Parts



Catalog No.	Description	Capacity	Grad. Interval	Pack Type
115.202.01A	Straight Bore PTFE Stopcock Burets, Funnel Filled - Educational Grade, Buret Barrel only	25 mL	0.01	6
115.202.02A	Straight Bore PTFE Stopcock Burets, Funnel Filled - Educational Grade, Buret Barrel only	50 mL	0.01	6
115.202.03	PTFE Stopcock Assembly for Straight Bore PTFE Stopcock Burets, Funnel Filled - Educational Grade,	25&50 mL	-	Each
115.202.04	Buret Tip for Straight Bore PTFE Stopcock Burets, Funnel Filled - Educational Grade	25&50 mL	-	6

## Automatic Self Zeroing Burette With PTFE Key

Borosilicate glass burette has a PTFE key giving accurate and economical liquid dispensing. These burettes are mounted on a high-density polyethylene bottles crew cap (HDPE bottle). It works by squeezing the flexible polyethylene bottle which forces liquid into the burette, the built-in overflow automatically passes excess liquid back into the reservoir (HDPE bottle).



Catalog No.	Description	Capacity	Grad. Interval	Tolerance	Pack Type
116.202.01	Automatic Self Zeroing Burette With PTFE Key, Without HDPE bottle	10 mL	0.10	±0.10 ML	Each

## Automatic Self Zeroing Burette With Bottle

- Packed complete with a reservoir bottle, rubber tubing with rubber squeeze bulb
- Precision ground tips assure uniform outflow
- Supplied with a chemically-resistant, self-lubricating PTFE stopcock plug
- Traceable to International Standards
- Supplied with a Certificate of Graduation Accuracy
- Easy-to-read durable enamel scale
- 2 mm bore size stopcock plug
- Manufactured and Calibrated to the ASTM Specifications E694 and E542
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Catalog No.	Capacity	Tolerance	Grad. Interval	Grad. Range	Reservoir Capacity	Pack Type
116.302.01	10 mL	±0.02 mL	0.05	0.5 to 10 ML	1000 ML	Each
116.302.02	25 mL	±0.03 mL	0.10	1.0 to 25 ML	1000 ML	Each
116.302.03	50 mL	±0.05 mL	0.10	1.5 to 50 ML	2000 ML	Each
116.302.04	100 mL	±0.10 mL	0.20	3.0 to 100 ML	2000 ML	Each

## Hempel Gas Burette

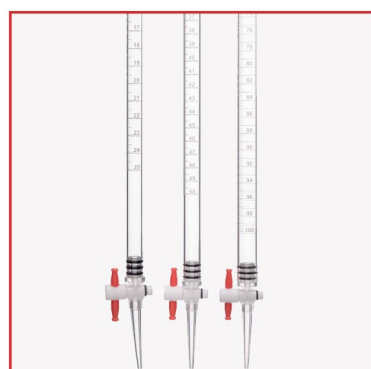
Hempel Gas Buret, made of borosilicate glass, available in two sizes, 50mL and 100mL with subdivisions of 1/10 mL and 2/10 mL. It has a straight stem at the top and a bent 90° angle stem at the bottom.



Catalog No.	Description	Capacity	Sub Division	Tolerance	Pack Type
CS-8525-50	Hempel Gas Buret	50 mL	1/10 mL	0.05 mL	Each
CS-8525-100	Hempel Gas Buret	100 mL	2/10 mL	0.1 mL	Each

## Acrylic Burette with PTFE Key Stopcock

The burette is made of acrylic for durability, and has a polytetrafluoroethylene (PTFE) plastic plunger stopcock for resistance to chemicals, moisture, and high temperatures. Acrylic is lightweight, and resists shattering, impact, and most non-abrasive cleaners including ammonia and strong detergents.



Catalog Number	Description	Capacity	Pack Type
114.201.01BA	Acrylic Burette with PTFE Key Stopcock,	25 mL	Each