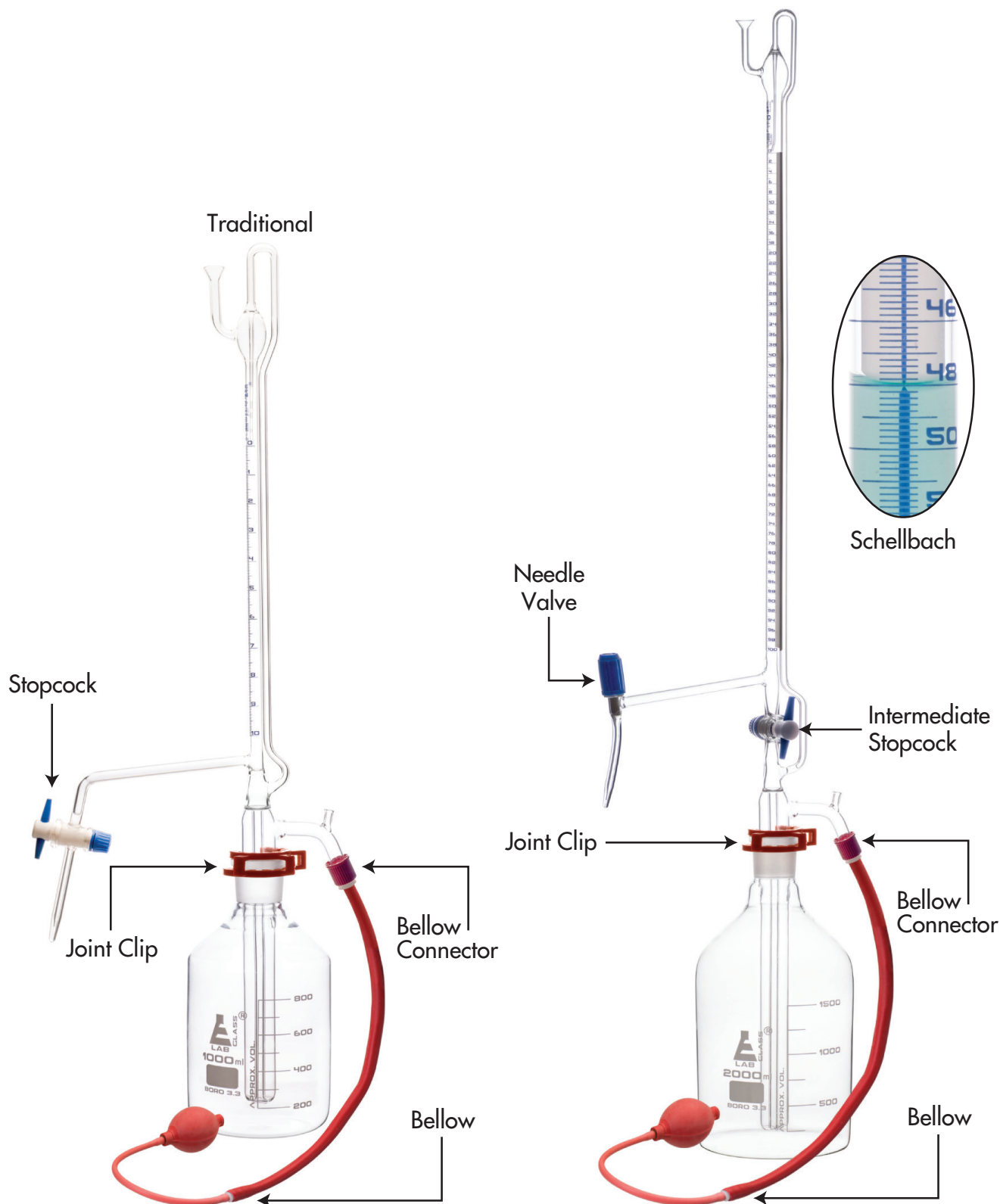




Eisco Automatic Zero Burettes are made from precisely bore high- quality borosilicate 3.3 glass. These highly accurate burettes are individually calibrated to deliver (TD) at 20°C reference temperature by an automatic calibration process.



FEATURES

1. Automatic zero burette mounted on reservoir with rubber bellow.
2. Self-lubricating PTFE stopcock.
3. Includes automatic zero facility.
4. Made of High Quality 3.3 Borosilicate glass.
5. Accuracy as per ISO 385.
6. Graduated reservoir made of borosilicate glass.
7. Individually calibrated to deliver precise volume.
8. Chemical resistant blue printing.
9. Custom foam packaging for safe transport and storage.
10. All contents included in single package.

Unique Features of Schellbach Auto Zero Burettes:

1. Schellbach burettes include a vertical white stripe with central blue ribbon to facilitate accurate reading of the meniscus. The exact position of the meniscus is clearly defined where the blue ribbon appears to split into a wide and narrow band.
2. An intermediate PTFE stopcock facilitates the complete drainage of excess liquid back into the reservoir.

Automatic Zero Burettes Class-A

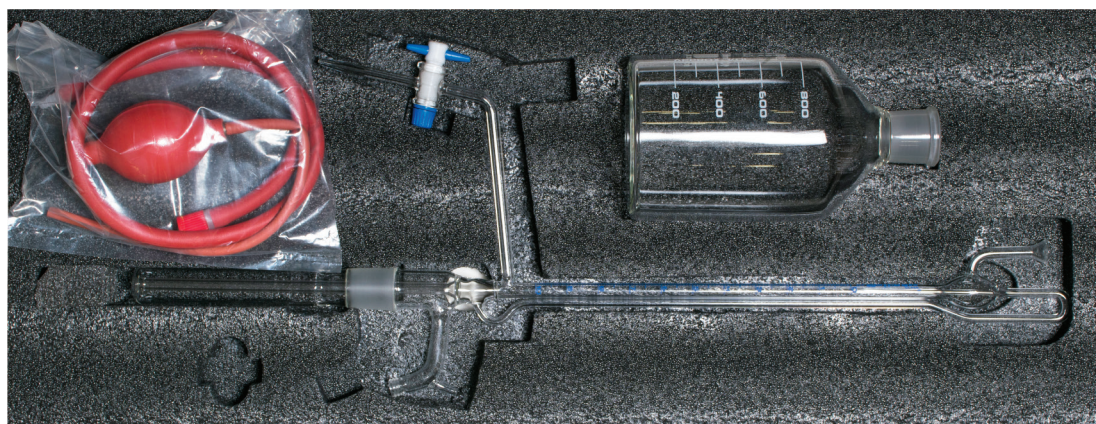
Product Code	Capacity (ml)	Sub. Div. (ml)	Tolerance (\pm ml)	Joint Size	Reservoir Capacity	Intermediate Stopcock	Schellbach Stripe
CH0242A	10 ml	0.05	0.03	29/32	1000 ml	✗	✗
CH0242B	25 ml	0.10	0.05	29/32	1000 ml	✗	✗
CH0242C	50 ml	0.10	0.05	34/35	2000 ml	✗	✗
CH0242D	100 ml	0.20	0.10	34/35	2000 ml	✗	✗
CH0242P	10 ml	0.05	0.03	29/32	1000 ml	✓	✓
CH0242Q	25 ml	0.10	0.05	29/32	1000 ml	✓	✓
CH0242R	50 ml	0.10	0.05	34/35	2000 ml	✓	✓
CH0242S	100 ml	0.20	0.10	34/35	2000 ml	✓	✓

Automatic Zero Burettes Class-B

Product Code	Capacity (ml)	Sub. Div. (ml)	Tolerance (\pm ml)	Joint Size	Reservoir Capacity	Intermediate Stopcock	Schellbach Stripe
CH0242E	10 ml	0.05	0.05	29/32	1000 ml	✗	✗
CH0242F	25 ml	0.10	0.10	29/32	1000 ml	✗	✗
CH0242G	50 ml	0.10	0.10	34/35	2000 ml	✗	✗
CH0242H	100 ml	0.20	0.20	34/35	2000 ml	✗	✗
CH0242T	10 ml	0.05	0.05	29/32	1000 ml	✓	✓
CH0242U	25 ml	0.10	0.10	29/32	1000 ml	✓	✓
CH0242V	50 ml	0.10	0.10	34/35	2000 ml	✓	✓
CH0242W	100 ml	0.20	0.20	34/35	2000 ml	✓	✓

UNPACKING THE AUTOMATIC BURETTE

Eisco LABGLASS™ automatic zero burettes are packaged in a custom foam insert safety-pack for break-free transport and storage.



Contents-

1. Automatic Zero Burette
2. Graduated Reservoir
(1000ml for 10ml & 25ml burette)
(2000ml for 50ml & 100ml burette)
3. Rubber Bellow
4. Joint Clip
5. Plastic screw thread for below connection
6. Instruction manual

FILLING THE BURETTE

1. Mount the burette on the filled reservoir using a joint clip. Joint clips keep the burette secure in a case of excess pressure inside the reservoir. Make sure the reservoir is at least 1/4 full.
2. Connect the rubber bellow to the lateral tubing connector. If your burette has an intermediate stopcock, ensure it is closed.
3. Grab both the burette and reservoir neck with one hand, while covering the vent tube with your index finger or thumb. With the other hand take the rubber bellow and begin squeezing it to pump air into the reservoir. Do not pump air too quickly as too much pressure inside the reservoir may cause the burette to jump from its position causing the solution to leak.
4. When the level of the solution in the burette tube is 5mm above the 0 mark, slowly remove your index finger from the vent tube to release the pressure. This will cause the excess liquid from the burette to drain back in the reservoir and the burette will automatically set to zero.



- If air bubbles get trapped in the burette during filling, stop filling it and wait to see if they rise. If they remain stuck in the tube, drain the solution and fill it again (from step 3).
- If air gets trapped in the outward draining tube, open the stopcock and drain the solution until the air is removed.
- To prevent volume errors always start titrating from zero.

CLEANING OF AUTOMATIC ZERO BURETTE

If the burette will not to be used for several days it should be cleaned and stored properly to prevent breakage and the ground joints from getting stuck. To clean the burette, fill it to the top with mildly alkaline cleaning solution. After the prescribed soaking time, rinse the burette repeatedly with water. The PTFE needle valve stopcock and PTFE key do not require greasing. If the stopcocks or ground joints become stuck, immerse them completely in a cleaning solution and allow them to soak overnight. Wear suitable protective gloves and try to loosen them with minimal force.

Manufactured by :



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