Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Burettes

Product Code :

SLE/GBu/01



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Graduated glass tubes that deliver a measured, variable volume of titrant through a PTFE key stopcock. These Class A burettes are made of heavy-duty borosilicate glass, and their blue scale shows up well against most solutions when reading the meniscus. Four capacities cover small-volume work, routine student titrations and titrations with a large titre: 5, 10, 50 and 100 ml.

Burette specifications and capacities

Parameter	Detail
Accuracy class	Class A
Material	Heavy-duty borosilicate glass
Stopcock	PTFE key
Graduations	Blue
Capacities	5 ml, 10 ml, 50 ml, 100 ml
Heat resistance	Heat resistant
Chemical resistance	Chemical resistant
Application	Chemical laboratory
Product code	SLE/GBu/01
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Setting up and running titrations with the burette

Preparing the burette. Clamp it vertically in a burette stand with clamp and bosshead. Rinse it with distilled water, then with a few millilitres of the titrant, running each rinse out through the tip and throwing it away. Fill through a small glass funnel and take the funnel out before reading, so drips from it cannot change the level.

Acid-base titration. Run titrant into a conical flask holding the pipetted alkali and a few drops of methyl orange. Do one rough run to find roughly where the end point lies. Then do careful runs, adding drop by drop as it approaches, and repeat until two titres agree closely.

Redox titration with permanganate. Fill the burette with potassium permanganate solution and titrate an acidified iron(II) or oxalate solution in the flask. The permanganate acts as its own indicator, and the end point is the first faint pink that stays
edge

Fre

Email : sales@scilabexport.com
Phone: +91-7082934803