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

**Product Name :**

Burettes

**Product Code :**

SLE/GBu/01



Science Lab
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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

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