Science Lab

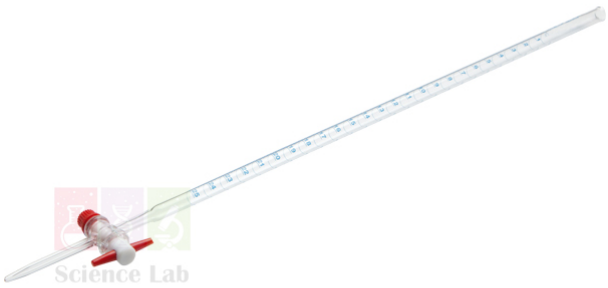
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Burette

Product Code :

SLE/CH/42



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

Description :

Burette (Product Code: SLE/CH/42) is a plastic burette with a transparent acrylic body and a leakproof stopcock fitted with a self-lubricating PTFE plug, used to deliver measured volumes of titrant in volumetric analysis. Each burette is individually calibrated, and the plastic body is much less prone to breakage than glass, which suits student titrations. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, in 25 ml, 50 ml and 100 ml capacities, as part of its chemistry lab equipment in India.

Specifications

Parameter	Detail
Material	Polymethyl Methacrylate/TPX
Body	Transparent acrylic
Stopcock	Leakproof, with self-lubricating PTFE plug
Calibration	Each burette individually calibrated
Chemical resistance	Unaffected by dilute mineral acids and bases, except hydrofluoricacid and ammonium hydroxide
Working range	pH 1–14; up to 5% wt/wt acids or 30% bases
Capacity	25 ml; 50 ml; 100 ml

Typical Use

In a standard acid-base titration the burette is clamped vertically, filled with the titrant, and run into a conical flask containing the analyte and a few drops of indicator until the colour changes at the end point. The acrylic burette handles the dilute hydrochloric acid, sulphuric acid and sodium hydroxide solutions used in most school and college volumetric analysis kits in India, and its clear body lets students read the meniscus easily. The 25 ml size suits short titrations with small samples, 50 ml is the common class size, and 100 ml avoids refilling during longer runs.

Rinse the burette with a little of the titrant before filling, remove the air bubble from the tip by running some liquid through, and read the bottom of the meniscus at eye level. Keep it away from hydrofluoric acid, ammonium hydroxide and organic solvents, and do not dry it in a hot oven; rinse with distilled water and let it drain upside down instead.

Manufacturer

ScienceLab is the trade name of Jain Scientific Equipments Private Limited, a manufacturer of laboratory plasticware, glassware and apparatus located in Ambala, Haryana. Visit the company profile to learn more.

Related Chemistry Lab Equipment

Supports and glassware used with the burette in titrations:

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