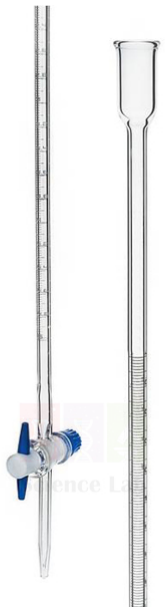
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Product Name :

Micro Burettes, Class-A

Product Code :

SLE/GBu/02



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Description :

Micro Burettes, Class-A (Product Code: SLE/GBu/02) are small-capacity burettes designed for precise analytical methods in micro chemistry, made in 5 ml and 10 ml sizes. Precision bore tubing assures accuracy between any two points along the body, the tapered tip gives a smooth, controlled flow, and a funnel top allows reagent to be poured in or drawn up from below through a rubber-stoppered tube. Manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its borosilicate laboratory glassware in India, they are a precise addition to a volumetric analysis kit in college, research and quality-control laboratories.

Specifications

Parameter	Detail
Type	Micro burette
Accuracy class	Class A
Capacities	5 ml, 10 ml
Material	Heavy-duty borosilicate glass
Bore	Precision bore tubing, for accuracy between any two points throughout the body
Tip	Tapered, for smooth flow
Filling	Funnel top — fill by pouring, or by suction from below through a rubber-stoppered tube
Stopcock	PTFE key
Graduations	Blue
Heat and chemical resistance	Heat resistant, chemical resistant
Application	Chemical laboratory, micro chemistry

Typical Use

Micro-scale titrations use a fraction of the reagent and sample needed for a conventional titration, which matters when a standard solution is costly, hazardous or available only in small amounts, or when the sample itself is limited. Analysts use micro burettes for small-volume determinations in research and quality control, and teachers use them to run microscale chemistry practicals that cut chemical consumption and waste. Because the bore is uniform, a reading taken between any two graduations can be relied on, not only readings from the zero mark.

For volatile or unpleasant reagents, filling from below through a rubber-stoppered tube keeps the liquid enclosed; for routine solutions, simply pour into the funnel top. Secure the burette in a burette clamp so it hangs truly vertical, fill slowly to avoid trapping air, and check that the tapered tip is free of bubbles before the first reading. With such small volumes, a single drop is a significant fraction of the titre, so approach the end point slowly and read the meniscus at eye level.

Man

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