Email : sales@scilabexport.com
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Product Name :

Pipettor, Variable Volume

Product Code :

SLE/CL/83



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Description :

Pipettor, Variable Volume (Product Code: SLE/CL/83) is an adjustable micropipette for measuring and delivering very small liquid volumes between 0.5 and 10 µl. The volume is set with a simple adjustment in 0.1 µl steps, and a 2-stop plunger separates the intake stroke from the dispensing stroke so that the set volume is released cleanly. Clinical, biotechnology anduniversity teaching laboratories use it for sample, enzyme and reagent additions where a singlemicrolitre matters, which makes it practical lab equipment for research in India and abroad. It issupplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Type	Variable volume micropipette
Volume range	0.5–10 µl
Volume increments	0.1 µl
Plunger action	2-stop mechanism for intake and dispensing
Volume setting	Simple volume adjustment
Tip removal	Mechanical tip ejector
Dimensions	229 × 38 mm (approx.)
Design	Intended for accurate delivery with trouble-free operation and maintenance

Typical Use

The 0.5–10 µl window covers the smallest additions in a working lab: adding template or primer to a reaction mix, loading DNA samples into gel wells, spiking enzyme into a digest, or preparing the first step of a dilution series. In molecular biology rooms it is usually kept next to PCR equipment in India's college and hospital labs, where the same few microlitres are dispensed many times a day. Because the increments are 0.1 µl, one pipettor can handle several nearby volumes without changing instruments.

For consistent results, set the volume by turning from a larger value down to the target, fit a fresh tip, press to the first stop, immerse the tip just below the liquid surface and release the plunger slowly. Dispense against the wall of the receiving vessel, press through to the second stop to expel the last droplet, then use the ejector so hands never touch a used tip. Never set the dial outside the 0.5–10 µl range, and store the pipettor upright when not in use.

Supplier

This pipettor is part of the laboratory range offered by ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, Haryana, which supplies bench instruments and consumables to laboratories. For vendor registration, the supplying company is incorporated under
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