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Product Name :

Pipettor, Fixed Volume

Product Code :

SLE/CL/81



Science Lab
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Description :

Pipettor, Fixed Volume (Product Code: SLE/CL/81) is a micropipettor set permanently to asingle volume of 5ul, built for high accuracy wherever the same small volume has to be deliveredagain and again. With no volume dial to turn, there is no risk of a colleague leaving it at the wrong setting, which makes it well suited to clinical diagnostics, routine tests and control analysis. Biochemistry, serology and quality-control benches often keep one fixed-volume pipettor dedicated to each frequently run assay. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a scientific instruments manufacturer in India.

Specifications

Parameter	Detail
Type	Fixed volume micropipettor
Range	5ul (fixed)
Accuracy	Designed for high accuracy at its fixed volume
Ideal for	Clinical diagnostics, routine tests and control analysis

Typical Use

Small sample volumes of this size are common in colorimetric kits, where a few microlitres of serum, plasma or standard are added to a larger volume of reagent. Fit a fresh tip, press the plunger to the first stop, immerse the tip just below the surface of the sample, and release the plunger slowly and smoothly. Dispense against the inner wall of the tube or into the reagent, pressing through to expel the last of the liquid, then eject the tip. Holding the pipettor vertical while aspirating and pre-rinsing the tip once with the sample both help consistency at such a small volume.

Never lay the pipettor on its side or turn it upside down while liquid is in the tip, as this can draw fluid into the shaft. A laboratory that runs the same test daily will find a dedicated 5ul pipettor faster and less error-prone than resetting an adjustable one each time.

Manufacturer

Jain Scientific Equipments Private Limited produces this fixed-volume pipettor under its ScienceLab brand from Ambala, Haryana, as part of a clinical laboratory range that also includes adjustable and high-volume pipettors. The ScienceLab profile gives more background on the company.

Related Clinical Laboratory Equipment

Tips and pipettors that complete a liquid-handling set:

- Pipette Tip White 2-20 ul — tips covering the 5ul volume; confirm the fit on your pipettor
- Filter Pipette Tips — barrier tips that protect the shaft from aerosols
- Pipettor, Variable Volume — for assays that need volumes other than 5ul
-

More

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