Email : sales@scilabexport.com
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Product Name :

Single Channel Pipettors

Product Code :

SLE/CL/84



Science Lab

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Description :

Single Channel Pipettors (Product Code: SLE/CL/84) are hand-held liquid-handling instruments working in the 20–200 µl range, the band used most often for serum aliquots, buffer additions and ELISA well filling. The pipettor carries a yellow colour code so it can be picked out quickly on a crowded bench, and its listed inaccuracy and imprecision figures give lab managers a clear basis for comparing it with other instruments. Hospital labs, pathology units and college teaching rooms that stock microbiology lab equipment in India rely on this range for day-to-day dosing. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Type	Single channel pipettor
Volume range	20–200 µl
Colour code	Yellow
Inaccuracy (%)	2.5 / 0.6
Imprecision (%)	0.7 / 0.2

Typical Use

In a clinical chemistry or serology section, a 20–200 µl pipettor transfers patient serum or plasma into reaction cuvettes, adds controls and calibrators, and dispenses sample and conjugate into microplate wells. Microbiology practicals use the same range for spreading an inoculum on agar plates and for serial dilutions in broth, while biochemistry classes use it to build standard curves for colorimetric assays. Because one instrument covers a tenfold span, it is often the first pipettor a new diagnostic or teaching lab buys.

Match the pipettor with tips sized for 200 µl work and keep the yellow-coded instruments and tip racks together to avoid mix-ups between ranges. For viscous liquids such as serum or glycerol, reverse pipetting (over-aspirating to the second stop and dispensing only to the first) gives more repeatable volumes. Always hold the pipettor vertically during aspiration, never lay it down with liquid in the tip, and have its performance checked at intervals set by your lab's quality procedure.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala in Haryana, sources and dispatches pipetting instruments like this one together with the teaching and laboratory apparatus it produces, so a clinical lab can order its bench set-up from a single vendor. Details of the company, its facilities and its range are on the ScienceLab profile page.

Related Clinical Laboratory Products

These items complete a routine pipetting workflow built around the 20–200 µl range:

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