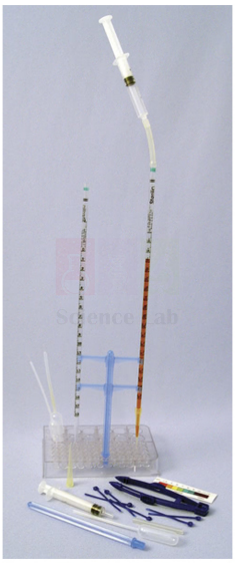
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Product Name :

Titration Kit, Student, Microscience

Product Code :

SLE/CH/178



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Description :

Titration Kit, Student, Microscience (Product Code: SLE/CH/178) is a self-contained MicroTitration kit designed for accurate and efficient titrations in secondary school experiments. Working at microscale, each student or pair can carry out a full titration with small volumes of solution, and results compare very well with traditional Class B glassware. It is a practical titration kit for school laboratories, manufactured by a maker of school chemistry lab equipment in India, **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Type	Self-contained microscale (MicroTitration) student kit
Intended use	Accurate and efficient titrations in secondary school experiments
Accuracy	Up to 2 decimal points
Reproducibility	Reproducibility coefficients of 0.98 achieved
Comparison with glassware	Results compare very well with traditional Class B glassware
Construction	Durable and easy to maintain

Typical Use

The kit is built for the core volumetric analysis practical in secondary chemistry: finding the concentration of an acid or alkali by neutralising it against a standard solution with an indicator. Because the volumes are small, every learner can run their own titration instead of watching a demonstration, reagent use and waste drop sharply, and spills are far less hazardous than with a full-size burette. That makes it a sensible volumetric analysis kit for crowded classes or schools with limited bench space.

For good results, rinse each part with the solution it will hold, expel any air bubbles before starting, add titrant slowly near the end point and repeat until two readings agree closely. The stated reproducibility means students can be asked to judge concordance themselves, which builds real analytical habits. After use, rinse all parts with clean water, allow them to dry and return them to the kit so it stays complete for the next group.

Manufacturer

ScienceLab is the brand of Jain Scientific Equipments Private Limited, an Ambala, Haryana company that makes teaching apparatus for school and college laboratories. The company is incorporated under CIN U29309HR2020PTC087597 and manufactures at its licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala (Factory Licence AMB-ONLINE-CHD-J-414). Read more on our company profile.

Related Chemistry Lab Equipment

Items

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