Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Capillary Tube

Product Code :

MSRC1073



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Description :

Capillary Tube (Product Code: MSRC1073) is a fine-bore glass tube, 100 mm long with a diameter of 1.3-1.6 mm, used where only a tiny quantity of sample is needed. Its main job in teaching and quality-control labs is melting point determination of solid organic compounds, and it is also used for boiling point checks and for spotting samples in chromatography. Chemistry departments, pharmacy colleges and testing labs order it in bulk from **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which supplies it as a chemistry lab instruments supplier alongside the matching melting point apparatus.

Specifications

Parameter	Detail
Model	SCL173
Material	Glass
Length	100 mm
Diameter	1.3-1.6 mm
Colour	Clear
Properties	Heat resistant, chemical resistant
Application	Laboratory use

Typical Use

To find a melting point, one end of the capillary is sealed in a small flame if it is open, the dry powdered sample is tapped into the tube to a short, compact column, and the tube is placed in a melting point apparatus or tied beside the bulb of a thermometer in a Thiele tube. The clear glass lets the student see the exact moment the solid starts to liquefy and when it has fully melted, which is how purity is judged in organic preparations. Keep the sample column short and well packed for a sharp reading.

The same tubes are handy for applying small, tight spots of solution in a paper chromatography kit for school practicals, and a capillary sealed at one end sits inside a fusion tube for boiling point work. Because the sample usually stays fused inside after a melting point run, capillaries are treated as consumables and replaced after each determination; store unused tubes in a closed container so dust does not enter the bore.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala in Haryana, supplies these capillaries as part of its glass consumables range for teaching and testing labs. Buyers can combine them in one order with melting point apparatus and thermometers. Visit the company profile to learn more about ScienceLab.

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