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Phone: +91-7082934803

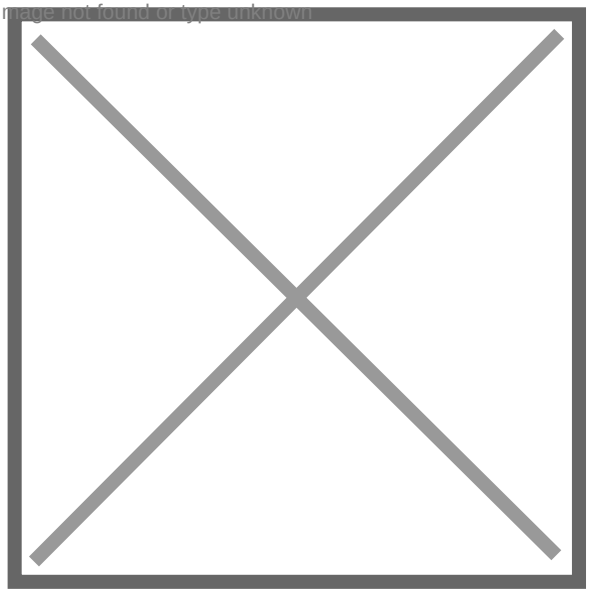
Product Name :

Laboratory Thermometer

Product Code :

SCL123/1.10

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Description :

Laboratory Thermometer (Product Code: SCL123/1.10) is a reusable glass alcoholthermometer that reads from -10 to 110°C, covering the temperatures met in most schoolheating, cooling and mixing experiments. It is listed for chemical laboratory application and isused by students and lab assistants to follow the temperature of water, solutions and mixtures asthey are warmed or cooled. As part of chemistry lab equipment in India, it is supplied to schoolsand colleges by its maker, **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Type	Alcohol thermometer
Range	-10 to 110°C
Material	Glass
Application	Chemical laboratory
Reusable	Yes

Typical Use

The range runs from just below the freezing point of water to just above its normal boiling point,so one thermometer can follow a heating curve of water from ice to boiling, track the cooling of a hot liquid for a cooling-curve graph, or monitor a water bath during an enzyme or solubility experiment. Chemistry groups also use it to record temperature change during dissolving and neutralisation reactions, where a rise or fall of a few degrees tells students whether the process is exothermic or endothermic.

Clamp the thermometer so the bulb sits in the liquid without touching the bottom or sides of the beaker, stir gently, and read the column at eye level to avoid parallax error. Never heat the thermometer directly in a flame. Laboratories that order from a chemistry lab instruments supplier usually keep a thermometer clamp or holder on each bench for this reason.

Manufacturer

Jain Scientific Equipments Private Limited produces this thermometer under the ScienceLab brand at Ambala in Haryana, India, for educational and general laboratories. Details of our background and product families are on the company profile.

Related Laboratory Equipment

Bench items used with a laboratory thermometer in heating and cooling practicals:

- Thermometer Clamp — holds the thermometer at the right depth in a beaker or flask
- Alloy Test Tube and Thermometer Holder — supports the thermometer during test-tube work

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