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

Product Name :

Melting Point Block

Product Code :

SLE/PHY/112



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Description :

Melting Point Block (Product Code: SLE/PHY/112) is a basic aluminium heating block used to determine the melting point of substances in school chemistry and physics practicals. Designed for individual student use, it has a 7 mm hole for a thermometer and comes with a 75 x 25 mm glass slide; the thermometer is not supplied. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Block material	Aluminium
Thermometer hole	7 mm
Glass slide	Included, 75 x 25 mm
Thermometer	Not supplied
Intended use	Determining melting points; individual student use
Product code	SLE/PHY/112
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Melting Point Block Used For?

A few crystals of the test substance are placed on the glass slide resting on the block, a thermometer goes into the thermometer hole, and the block is warmed slowly from below. Aluminium spreads heat evenly, so the thermometer reading follows the temperature under the slide closely; the reading at which the crystals turn clear and liquid is recorded as the melting point.

Students can compare a pure sample with one containing an impurity, which melts lower and over a wider range, or identify an unknown solid against a table of values. Heat gently near the expected melting point for an accurate result, handle the hot block with tongs, and let it cool before cleaning the slide. Giving every learner a block of their own makes it a practical choice among physics lab instruments in India.

What to Specify When Ordering

- Number of blocks — the listing presents it for individual student use.
- A thermometer for each block, with a stem that fits the 7 mm hole.
- A heat source and support, such as a burner, tripod and gauze.

OEM Manufacturer

The Melting Point Block is manufactured by ScienceLab — the trade name of Jain Scientific Equip[illegible] Private Limited — at its own licensed factory in Saha, Ambala, Haryana, India. Since the b[illegible]ng can a[illegible] comp[illegible]

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