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

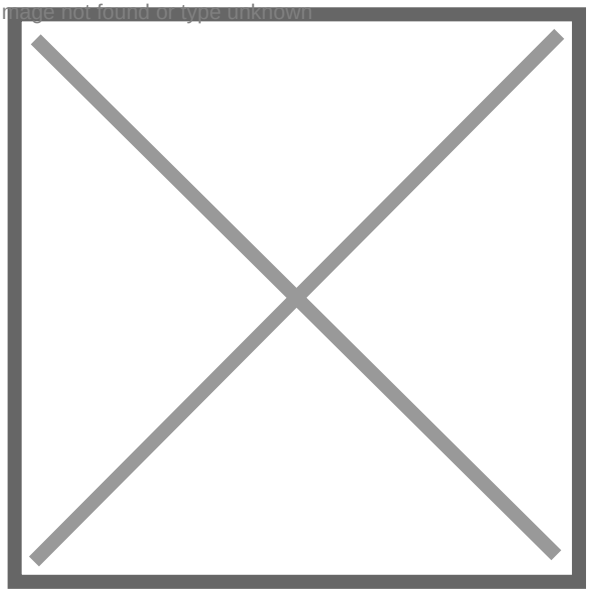
Product Name :

Hypsometer

Product Code :

SCL-302/049

Image not found or type unknown



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

Description :

Hypsometer (Product Code: SCL-302/049) is a copper steam apparatus used to check the upper fixed point of thermometers and to study boiling points in school and college physics laboratories. It suits thermometry practicals because its steam-jacketed inner tube keeps the thermometer bulb surrounded by steam shielded from room air. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of physics lab equipment in India, at its own factory in Ambala, and offered as thermometry apparatus for schools at home and abroad.

Specifications

Parameter	Detail
Material	Copper
Construction	Upper boiling vessel with a steam-jacketed inner tube
Lid	Lid with a tubule that holds the thermometer under test in a bung
Outlets	Side outlet draining tube; manometric tube mounted in a tubulure with rubber bung
Application	Determining the upper fixed point of thermometers and boiling pointsat barometric pressures other than atmospheric
Product code	SCL-302/049
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hypsometer Used For?

In a thermometry practical, water is boiled in the hypsometer and the thermometer under test passes through the lid so that its bulb sits in the rising steam rather than in the water. The steam jacket around the inner tube keeps the thermometer surrounded by steam at a steady temperature, so students can check whether its upper fixed point mark reads correctly. The manometric tube shows whether the steam inside is at the same pressure as the room.

Because the boiling point of water depends on pressure, the same apparatus is used to study boiling points at pressures other than atmospheric, with a barometer reading taken on the day. Fill the vessel with enough water before heating, heat gently until steam leaves the side outlet steadily, and let the thermometer reading settle before recording it.

OEM Manufacturer

The Hypsometer is produced by Jain Scientific Equipments Private Limited, which trades as ScienceLab. As the OEM (original equipment manufacturer), the company makes this copper apparatus at its own licensed factory at Saha, Ambala, Haryana, India, and supplies it factory-direct instead of through a trader.

Scho d
repea the
Scien

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