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

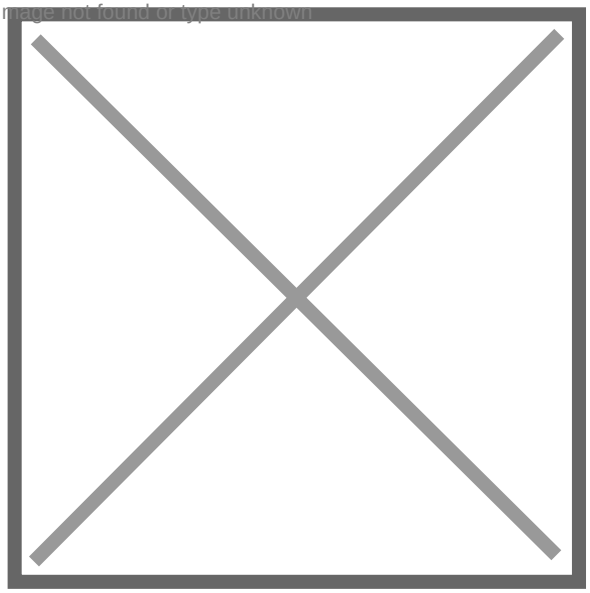
Product Name :

Calorimeter

Product Code :

SCI-097/023

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Description :

Calorimeter (Product Code: SCI-097/023) is a copper vessel used to measure heat exchange, such as specific heat capacity and heat of neutralisation, in school and college physics and chemistry laboratories. Students use it for method-of-mixtures calorimeter lab work, and the polished copper vessel comes with a fitted wooden/bakelite lid, a rubber stopper and a metal stirrer. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Vessel material	Copper
Finish	Polished finish vessel
Lid	Wooden/bakelite lid, fitted
Accessories	Rubber stopper and metal stirrer
Product code	SCI-097/023
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Calorimeter Used For?

In the classic method of mixtures, students weigh the empty vessel with its stirrer, add a known mass of water and record its temperature, then drop in a heated solid or warm water and stir until the reading stops changing. Because heat lost equals heat gained, the result gives the specific heat capacity of the sample. The rubber stopper in the lid is normally used to hold the thermometer steady while the metal stirrer keeps the temperature even.

Alongside other physics lab instruments it is used for latent heat of fusion of ice, and in chemistry practicals for heat of neutralisation. Copper warms up quickly and evenly, and its polished surface cuts heat loss by radiation; standing the vessel in an insulating jacket reduces losses further. Dry the vessel after every use to keep the polish bright.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597), the OEM that makes this copper calorimeter. Production takes place at the company's licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala, Haryana (Factory Licence AMB-ONLINE-CHD-J-414).

Ordering from the factory itself suits schools equipping several benches, as well as dealers and importers who need consistent repeat supplies; for lids, stirrers or stoppers as spares, ask us. The company profile has further details.

Rela

Items

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