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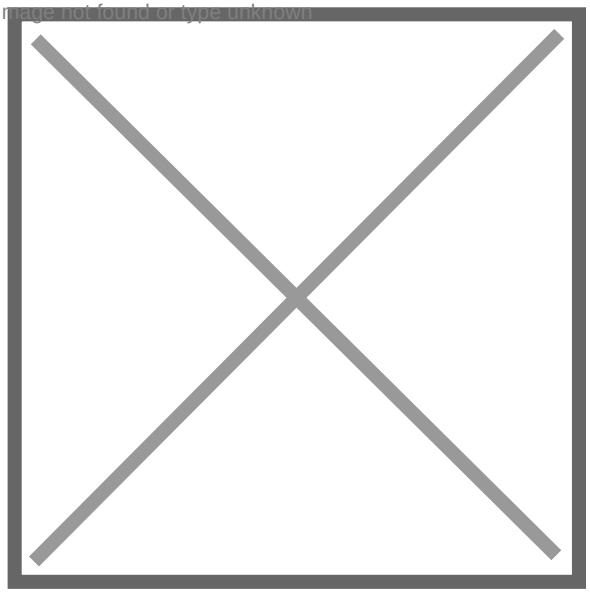
Product Name :

Leslie Cube

Product Code :

SCI-1377/025

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Description :

Leslie Cube (Product Code: SCI-1377/025) is a metal radiation cube used to demonstrate heat transfer by radiation — absorption, emission and reflection — in school and college physics laboratories. Its faces are painted in different colours, black, white and silver, so students can compare how surface finish changes the heat radiated from one hot source. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM scientific instruments manufacturer in India, at its own factory in Ambala.

Key Details

Parameter	Detail
Construction	Metal cube
Surface finishes	Painted in different colours: black, white and silver
Demonstrates	Heat transfer by radiation: absorption, emission and reflection
Product code	SCI-1377/025
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Leslie Cube Used For?

The Leslie cube goes back to John Leslie's early experiments on radiant heat, and it remains the simplest way to prove that two surfaces at the same temperature can radiate very differently. The cube is normally filled with hot water so every face is equally hot, then a radiation detector or thermometer held near each face shows which colour gives off the most heat. Dark surfaces emit and absorb radiation strongly, while bright silver surfaces reflect it and emit much less.

Keep the detector at the same distance from every face and give readings a moment to settle before recording them. The same colour comparison leads naturally into a discussion of why good emitters are also good absorbers, so one cube covers all three processes in a radiation experiment kit.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the original equipment manufacturer of this Leslie cube. The metal cube and its painted finishes come from the company's own licensed factory at Saha, Ambala, Haryana, so physics departments, dealers and importers receive it straight from the maker. Further cubes for extra student groups, or matching heat apparatus, can be quoted by the manufacturer on request. Our company profile.

Related Laboratory Equipment

Useful companions for radiation practicals with the Leslie Cube:

- Digital Thermometer — confirm the surface inside the cube is at steady temperature
- Infrared Thermometer — measure each face without touching it
- Radiation Detector — compare how much heat each face emits

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