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Product Name :

Metal Density Cubes (Set of 6)

Product Code :

SLE/PHY/58



Science Lab
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Description :

Metal Density Cubes (Set of 6) (Product Code: SLE/PHY/58) is a set of six equal-sized metal cubes used to show how density differs from one metal to another in physics and general science lessons. Because every cube has a 20 mm side, students can compare brass, lead, zinc, copper, aluminium and iron simply by weighing them, a staple of school physics lab equipment in India. The set is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer,at its own factory in Ambala, India.

Specifications

Parameter	Detail
Cubes per set	6
Side length	20 mm (2 cm)
Volume of each cube	8 cm^3 (calculated from the 20 mm side)
Metals	Brass, lead, zinc, copper, aluminium and iron
Product code	SLE/PHY/58
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Are Metal Density Cubes Used For?

Equal volume is the whole point of this set. Since each cube measures 2 cm along every edge, its volume is 8 cm^3, so dividing the mass in grams by 8 gives the density in g/cm^3 directly. Before weighing, ask students to rank the cubes by feel and then check their predictions on a balance — the gap between aluminium and lead usually surprises them.

The cubes also support class 9 density and relative density lessons in a science lab kit, and older students can measure the edges with a vernier caliper to confirm the volume rather than assuming it. Keep the six cubes together in a labelled tray or box, and remind learners to wash their hands after handling lead.

What to Specify When Ordering

- Set size: this six-cube set includes zinc; the seven-cube Metal Density Cube Set adds steel and tin instead of zinc.
- Number of sets, for example one per student group.
- Whether a balance or vernier caliper should be quoted with the cubes.

OEM Manufacturer

These density cubes come from Jain Scientific Equipments Private Limited, which trades as ScienceLab and acts as their OEM (original equipment manufacturer). They are produced at the company's own licensed factory at Saha, Ambala, Haryana, India, rather than bought in from a trade
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