Science Lab

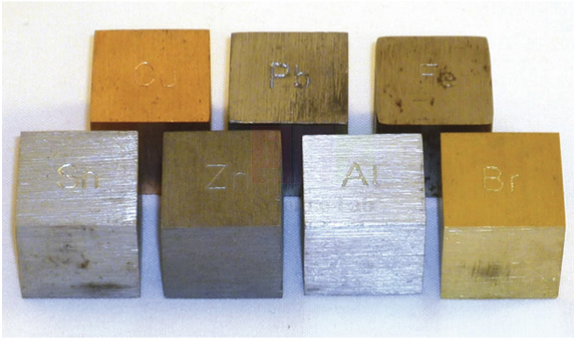
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Product Name :

Metal Density Cubes, Set of 7

Product Code :

SLE/PHY/241



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Description :

Metal Density Cubes, Set of 7 (Product Code: SLE/PHY/241) is a set of seven 20 mm metal cubes used to measure and compare the density of common metals in school and collegephysics laboratories. Students work with equal-sized cubes of brass, lead, steel, copper,aluminium, iron and tin, so any difference in mass comes straight from a difference in density.The set is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer,at its own factory in Ambala, India.

Specifications

Parameter	Detail
Number of cubes	7 (one of each metal)
Metals included	Brass, lead, steel, copper, aluminium, iron and tin
Cube size	20 mm
Product code	SLE/PHY/241
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Are Metal Density Cubes Used For?

Because every cube in the set has the same nominal 20 mm side, each has roughly the same volume, about 8 cm³, so weighing them on a balance shows at once which metals are denser. Students calculate density as mass divided by volume, rank the seven metals and compare their answers with textbook values; lead and aluminium sit at opposite ends of the list, which makes the result easy to remember.

For a more careful practical, measure each side with a vernier caliper instead of relying on the nominal size, and cross-check the volume by displacement. The cubes also support lessons on identifying unknown materials, making them useful physics lab equipment for schools in India and abroad. Wash hands after handling the lead cube and store the set dry so the iron and steel cubes stay free of rust.

What to Specify When Ordering

- The number of sets: one for teacher demonstration or one per student group.
- Whether a balance and a vernier caliper should be quoted with the cubes for the full practical.
- Whether you want this seven-metal set or one of the six-cube alternatives listed on the site.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equipment manufacturer) of the Metal Density Cubes, Set of 7. The set is produced at the company's own licensed factory at Saha, Ambala, Haryana, India, rather than bought in from a trade
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