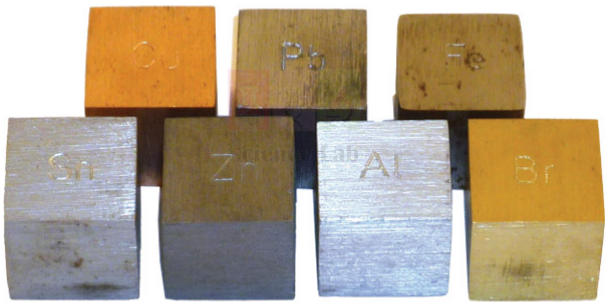
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Product Name :

Metal Density Cube Set

Product Code :

SLE/PHY/59



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Description :

Metal Density Cube Set (Product Code: SLE/PHY/59) is a set of seven 20 mm metal cubesused to investigate density and identify metals by measurement in physics, chemistry andmaterials classes. It covers brass, lead, steel, copper, aluminium, iron and tin, so learners cancompare iron with steel as well as very light and very heavy metals in one physics experiment kitfor school. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEMmanufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Cubes in the set	7
Metals	Brass, lead, steel, copper, aluminium, iron and tin
Side of each cube	20 mm
Product code	SLE/PHY/59
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Metal Density Cube Set Used For?

A popular use is the “identify the metal” challenge: a group is handed one cube, measures its edges, weighs it, calculates density and matches the answer against data-book values. With a 20 mm edge the volume works out to 8 cm³, which keeps the arithmetic manageable for younger students while still rewarding careful weighing.

Including both iron and steel makes a useful teaching point: their densities are so close that density alone cannot always separate an element from its alloy, which opens a discussion about how alloys are told apart using other properties. Tin and lead, both soft metals, show that similar-feeling materials can still differ greatly in density. Students should wash their hands after handling the lead cube.

What to Specify When Ordering

- Seven-cube set (with steel and tin) or the six-cube set that includes zinc.
- Number of sets for your practical groups.
- Any balance, caliper or measuring cylinder to be quoted alongside.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597), the OEM (original equipment manufacturer) behind this cube set. Production takes place at the company’s own licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala, Haryana, India (Factory Licence AMB-ONLINE-CHD-J-414), and the sets go factor
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