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Product Name :

Bulk density of cement

Product Code :

SLE/CE/51



Description :

Bulk density of cement (Product Code: SLE/CE/51) is a bulk density apparatus used to determine the loose bulk density, or unit weight, of cement in materials-testing laboratories across India and abroad. The set combines a sieve funnel on a tripod with a 1 litre unit weight measure and a straightedge, so cement falls into the measure in a consistent, uncompacted state. **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM engineering lab equipment manufacturer, produces the set at its own factory in Ambala, India.

Specifications

Parameter	Detail
Components	Sieve funnel, unit weight measure, tripod and straightedge
Measure capacity	1 litre
Dimensions	350 × 350 × 520 mm
Weight	3 kg (approx.)
Product code	SLE/CE/51
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Cement Bulk Density Apparatus Used For?

Bulk density tells a laboratory or batching plant how much a given volume of loose cement weighs, which matters when cement is proportioned by volume, when storage bins are sized and when consignments are checked. Cement is passed through the sieve funnel, which breaks up lumps and lets it fall freely into the 1 litre measure standing beneath; the heap is struck off level with the straightedge and the filled measure is weighed. With a measure of 1 litre capacity, the net mass gives bulk density directly.

Avoid tapping or jolting the measure while it fills, since vibration packs the cement and raises the result, and weigh the empty measure first. Repeating the determination two or three times shows whether readings agree. At 350 × 350 × 520 mm and about 3 kg, it is convenient lab equipment for technical institutes where bench space is shared between several experiments.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM that manufactures this cement bulk density set at its own licensed factory at Saha, Ambala, Haryana. Laboratories, contractors, dealers and importers deal with the maker itself for quotations and repeat supply.

The company is a registered MSME enterprise (Udyam UDYAM-HR-01-0003714) with manufacturing as its major activity, and export shipments are handled under Importer-Exporter Code ofile.

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