Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Moisture Tins

Product Code :

SLE/CE/107



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Description :

Moisture Tins (Product Code: SLE/CE/107) are small metal sample containers used todetermine the moisture content of soil and other materials by weighing and oven drying in civilengineering and soil mechanics laboratories. Geotechnical labs, colleges and site laboratoriesuse them in sets, choosing aluminium or stainless steel in five diameters from 25 mm to 100 mm.They are made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM and technicaleducational equipment manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Purpose	Determining the moisture content of soil and other materials
Material	Aluminium or stainless steel
Sizes available	25 mm, 50 mm, 75 mm, 80 mm and 100 mm diameter
Product code	SLE/CE/107
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Moisture Tin Used For?

Moisture content is one of the most frequently measured soil properties, and the oven-drying method depends on a clean, numbered container. The empty tin is weighed, the wet sample is added and weighed, and the tin goes into a drying oven until the mass stops changing. After cooling it is weighed again, and the water lost divided by the dry soil mass gives the moisture content as a percentage.

Students meet this step in liquid limit and plastic limit tests, compaction tests and field density work with core cutters. Mark each tin and record its empty mass before use; smaller 25 mm and 50 mm tins suit the few grams taken in limit tests, while 80 mm and 100 mm tins hold larger or coarser samples. Colleges usually buy them in quantity, as routine lab equipment for college soil laboratories in India, so that several groups can dry samples at the same time.

What to Specify When Ordering

- Diameter: 25, 50, 75, 80 or 100 mm (several sizes can be combined in one order).
- Material: aluminium or stainless steel.
- Quantity required for each size, based on the number of student groups or daily samples.
- Delivery location, for freight planning within India or for export.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of these Moisture Tins. ScienceLab is the trading name of the company (CIN U29309HR2020PTC087597), and the tins are produced at its licensed factory at 449 HSIID

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