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Product Name :

Volume Change Apparatus

Product Code :

SLE/CE/19



Description :

Volume Change Apparatus (Product Code: SLE/CE/19) is a mould-and-comparator set used to measure the change in length of cement mortar and concrete specimens as they shrink or expand, in materials testing laboratories. It combines a specimen mould with base plate and four reference pins with a length comparator frame whose dial gauge reads 0.002 mm over 5 mm. **Jain Scientific Equipments Pvt Ltd (ScienceLab)** makes the set as the OEM at its own factory in Ambala, India.

Specifications

Parameter	Detail
Mould	One mould (effective gauge length) complete with base plate
Reference pins	Four
Length comparator frame	One
Reference bar	One stainless reference bar with insulated grip
Dial gauge	One, 0.002 mm × 5 mm
Product code	SLE/CE/19
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Volume Change Apparatus Used For?

Volume change in hardened cement mortar and concrete is usually tracked as a change in specimen length. The reference pins are set into the ends of the specimen when it is cast, giving fixed gauge points; after demoulding, the specimen is placed in the comparator frame and its length is read on the dial gauge, then read again at intervals as it dries, cures or is exposed to test conditions.

Zero the comparator with the stainless reference bar before each set of readings. The insulated grip matters: holding the bar or specimen with bare hands warms it and adds error at the 0.002 mm level. Keep the comparator in the same room as the specimens. Buyers comparing lab instruments manufacturers in India will find the complete set saves matching a mould and comparator from different sources.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM (original equipment manufacturer) of the Volume Change Apparatus. The mould, pins, comparator frame and reference bar are supplied as one set from the company's own licensed factory at Saha, Ambala, Haryana, India, so the parts are matched from the start. For institutional and tender buyers who need vendor details, the company is registered under GSTIN 06AAECJ8618A1ZT and holds LEI 3358004URD1JIVYKYX40. More about the company is on the ScienceLab comp

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