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Product Name :

Demountable Mechanical Strain Gauge

Product Code :

SLE/CE/28



Description :

Demountable Mechanical Strain Gauge (Product Code: SLE/CE/28) is a portable strain gauge used to measure length variation between fixed points on concrete and other structuralspecimens in materials testing laboratories and field monitoring. It is listed with 100 mm and 300mm measuring bases, each with a 5 mm range, and a digital gauge of 0.001 mm resolution withPC output. The gauge is produced by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** as the OEM at its own Ambala factory in India.

Specifications

Parameter	Detail
Purpose	Measurement of length variation
Measuring base	100 mm × 5 mm range, or 300 mm × 5 mm range
Gauge	Digital, 0.001 mm resolution
Data output	Output for PC connection (special cable required, listed as an accessory)
Dimensions	300 × 400 × 110 mm
Weight (approx.)	2.1 kg
Product code	SLE/CE/28
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Demountable Strain Gauge Used For?

A demountable strain gauge is not left on the specimen. Pairs of reference points are fixed to the surface at the measuring-base spacing, and the gauge is placed on them each time a reading is needed, so one instrument can monitor many locations over weeks or months. Typical uses include shrinkage and creep of concrete, strain in beams during load tests and movement across cracks.

Choose the 100 mm base for small specimens or closely spaced points and the 300 mm base for averaging strain over coarser concrete. Take every reading with the same hand pressure and record the temperature. The 0.001 mm digital gauge with PC output makes it a useful option among digital measuring instruments in India for student projects and research.

What to Specify When Ordering

- Measuring base: 100 mm or 300 mm (each with a 5 mm range).
- Whether you need the special cable for PC connection.
- The number of gauges for your monitoring programme.

OEM Manufacturer

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