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Product Name :

Length Comparator Digital

Product Code :

SLE/CE/20



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Description :

Length Comparator Digital (Product Code: SLE/CE/20) is a bench measuring frame used to record small changes in the length of mortar and concrete specimens in materials testing laboratories. It locates the specimen on 6.5 mm diameter balls or other reference points, reads length on a gauge graduated to 0.002 mm over 5 mm, and can take an electronic dial gaugewhen requested at the time of order. **Jain Scientific Equipments Pvt Ltd (ScienceLab)**produces it as the OEM at its own factory in Ambala, India.

Specifications

Parameter	Detail
Base	Channelled or round base with two vertical pillars
Top	Adjustable cross plate
Specimen seating	Recessed seating on the base for a second ball or reference point in the specimen
Gauge	Dial gauge reading to 0.002 mm × 5 mm; balls mounted in the ends
Reference point	Locates on a 6.5 mm diameter ball or other reference point cemented in the specimen
Standardisation bar	Stainless steel, with insulated grip and 6.5 mm diameter
Electronic option	Electronic dial gauge available as an optional extra, if indicated when the order is placed
Product code	SLE/CE/20
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Length Comparator Used For?

A length comparator measures a specimen between two fixed reference points, usually balls or studs cemented into the ends of a mortar or concrete bar. The specimen sits in the recessed seating on the base while the gauge on the adjustable cross plate bears on the upper reference point, so the same length can be re-measured accurately over days or weeks of drying, wetting or expansion testing.

Before each series, set the reading with the stainless steel standardisation bar and hold it only by its insulated grip so hand warmth does not change its length. Laboratories that prefer digital measuring instruments in India can ask for the electronic dial gauge instead of the standard dial, but it must be stated when ordering.

What to Specify When Ordering

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