Product name:	Product code:
Mortar Shrinkage and Length Change Comparator	CMI-IND-0037



Description

Dial-gauge length comparator with reference bar for measuring drying and autogenous shrinkage of mortar prisms over time. Used in cement, repair mortar and grout development laboratories.

Technical specification

Reference bar	Invar steel
Standards	ASTM C157, ASTM C596, IS 4031
Power supply	Battery operated gauge

Standard Accessories

- Invar reference bar
- Prism mould (3 gang)
- Gauge studs

Mortar bars with embedded gauge studs are placed in the comparator and their length change is compared against an invar reference bar. The device records shrinkage or expansion to 0.001 mm over time. It supports evaluating non-shrink grouts and plaster compositions.

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Features

- Digital dial gauge with 0.001 mm resolution
- Reference invar bar included
- Rigid stand with spring-loaded seat
- Moulds for 25 x 25 x 285 mm prisms
- Quick measurement in under 10 seconds per bar

Technical Specifications

Gauge range	0 to 12.7 mm
Resolution	0.001 mm
Specimen size	25 x 25 x 285 mm
Gauge length	250 mm