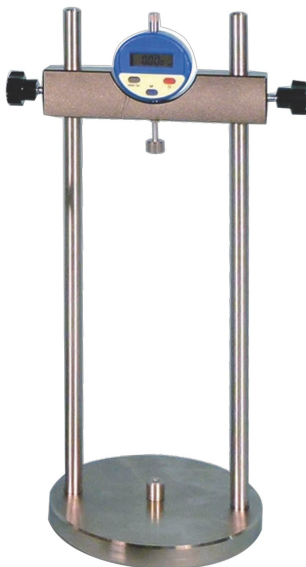


## LENGTH COMPARATOR

Code : C018



- The Length Comparator is a precision instrument designed to measure length changes in hardened cement paste, mortar, and concrete prisms, essential for assessing dimensional stability and potential expansion or shrinkage.
- Equipped with a high-resolution gauge (12.7 mm travel), it ensures accurate and repeatable measurements, facilitating compliance with stringent testing standards.
- The apparatus features a sturdy two-column steel frame with an adjustable top anvil, accommodating specimens of varying lengths up to 300 mm, enhancing versatility in testing applications.
- A reference bar is utilized for calibration, providing a stable baseline for precise length change measurements over time.
- The comparator is compatible with various specimen sizes and configurations, aligning with international standards for evaluating the dimensional stability of cementitious materials.
- Reference Rods should be ordered separately.

## **STANDARDS**

ASTM C151 • ASTM C490 • EN 12617-4 • EN 12808-4 • EN 1367-4 • EN 680

## **TECHNICAL SPECIFICATIONS**

- Maximum Specimen Length: 300 mm
- Frame: Two-column steel with adjustable top anvil

## **AVAILABLE MODELS**

- Digital Length Comparator:
  - Gauge Type: Digital
  - Gauge Travel: 12.7 mm
  - Resolution: 0.001 mm
- Analog Length Comparator:
  - Gauge Type: Mechanical
  - Gauge Travel: 12.7 mm
  - Resolution: 0.002 mm

## **ORDERING INFORMATION**

| Item                      | Code      |
|---------------------------|-----------|
| DIGITAL LENGTH COMPARATOR | C018X01XB |
| ANALOG LENGTH COMPARATOR  | C018X02XH |
| REFERENCE ROD - 160 mm    | C018P001H |
| REFERENCE ROD - 200 mm    | C018P002H |

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|                        |           |
|------------------------|-----------|
| REFERENCE ROD - 250 mm | C018P003H |
| REFERENCE ROD - 254 mm | C018P004H |
| REFERENCE ROD - 280 mm | C018P005H |