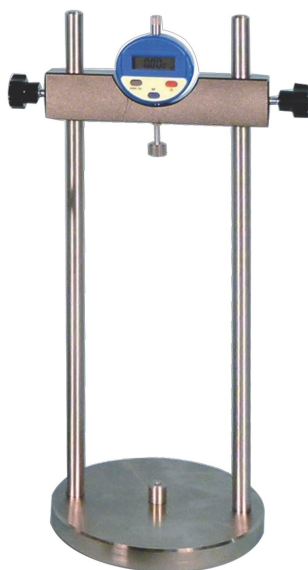


## LENGTH COMPARATOR

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 digital gauge (12.7 mm travel, 0.001 mm resolution), 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.
- An Invar 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.

### **STANDARDS**

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

### **EQUIPPED WITH**

- Gauge Type: Digital
- Gauge Travel: 12.7 mm
- Resolution: 0.001 mm
- Maximum Specimen Length: 300 mm
- Frame: Two-column steel with adjustable top anvil
- Calibration: Invar reference bar

### **SUPPLIED WITH**

- Digital Length Comparator (Code: C018X01XB)
- Reference Rod – 160 mm (Code: C018P001H)

### **ORDERING INFORMATION**

Item	Code
DIGITAL LENGTH COMPARATOR - Digital	C018X01XB
ANALOG LENGTH COMPARATOR - Analog	C018X02XH
REFERENCE ROD - 160 mm	C018P001H
REFERENCE ROD - 200 mm	C018P002H
REFERENCE ROD - 250 mm	C018P003H
REFERENCE ROD - 254 mm	C018P004H
REFERENCE ROD - 280 mm	C018P005H