

# CEMENT COMPRESSION TESTER

Code : C002



- The Cement Compression Tester is engineered for accurate determination of compressive strength in cement and mortar cube specimens, ensuring adherence to international testing standards.
- Features a robust two-column frame design that provides stability and uniform load distribution during testing procedures.
- Incorporates a Digital Touch Screen Controlling Unit, facilitating real-time monitoring, automatic load rate adjustments based on specimen dimensions, and user-friendly calibration.
- Offers automatic test termination upon specimen failure, enhancing operator safety and preserving equipment integrity.
- Capable of testing various cube specimen sizes, including 40 mm, 50 mm and 70 mm, accommodating diverse laboratory requirements (jigs should be ordered separately).

## **STANDARDS**

ASTM C109 • ASTM C348 • ASTM C349 • ASTM C1194 • EN 196-1 • EN 1015-11 • EN 13892-2 • BS 4550 • EN ISO 13503-2

## **TECHNICAL SPECIFICATIONS**

- Frame Type: Rigid 2-Column
- Test Type: Compression
- Operation: Full Automatic
- Control System: Digital Touch Screen Controlling Unit
- Load Rate Control: Automatic, based on specimen dimensions
- Test Termination: Automatic upon specimen failure
- Display: Real-time graph with maximum load and stress indicators
- Calibration: User-friendly, password protected
- Power Supply: 220–240 V / 50–60 Hz

## **EQUIPPED WITH**

- Digital Touch Screen Controlling Unit

## **ORDERING INFORMATION**

Item	Code
CEMENT COMPRESSION and FLEXURE TESTER (250 / 15 kN)	C001A25XU
HIGH-CAPACITY CEMENT COMPRESSION and FLEXURE TESTER (600 / 25 kN)	C001A60XU
HIGH-CAPACITY CEMENT COMPRESSION and FLEXURE TESTER (600 / 25 kN, with Loadcell)	C005A60XU
CEMENT COMPRESSION TESTER - 250 kN	C002A25XU
CEMENT COMPRESSION TESTER - 600 kN	C002A60XU
TRANSVERSE DEFORMATION TESTER - 250 N	C004A250U

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COMPRESSION JIG - 40 mm	C003P001H
COMPRESSION JIG - 50 mm	C003P002H
FLEXURE JIG	C003P003H
COMPRESSION JIG - 70.7 mm	C003P004H