CEMENT > STRENGTH

CEMENT COMPRESSION TESTING MACHINE

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 Name	Item Code
CEMENT COMPRESSION TESTER - 250 kN	C002A25XU
CEMENT COMPRESSION TESTER - 600 kN	C002A60XU