CEMENT > EXPANSION OF CEMENT

AUTOCLAVE EXPANSION TESTING MACHINE

Code : C070



- The Autoclave Expansion Tester is designed to determine the soundness of cement by autoclave expansion in accordance with international standards.
- The chamber is constructed from high-grade stainless steel, ensuring resistance to high pressure and durability under repeated testing conditions having 154 mm internal diameter × 430 mm internal height.
- Includes a sample container capable of holding up to 10 cement specimens.
- Heating is achieved via powerful heating element, ensuring rapid and stable temperature rise.
- Integrated pressure gauge with a range of 0–40 bar for monitoring of internal pressure.
- Temperature is adjustable and controlled via a digital indicator, ensuring reliable and consistent performance throughout the test cycle.
- Equipped with built-in safety features, including a safety valve, external protection container, and dedicated sample holders, offering optimal operational security.
- Suitable for laboratory use in quality control and compliance testing for cement materials.

STANDARDS

ASTM C151 • AASHTO T107

TECHNICAL SPECIFICATIONS

- Internal Chamber: Stainless Steel (Ø 154 x 430 mm)
- Sample Capacity: 10 Cement Specimens
- Pressure Gauge Range: 0–40 bar
- Temperature Control: Digital Thermostat
- Safety Features: Safety Valve, Protection Container

EQUIPPED WITH

- Digital temperature control unit
- Built-in manometer (0–40 bar)
- High-efficiency resistance heater
- Safety valve assembly

SUPPLIED WITH

- Sample container (10-specimen capacity)

ORDERING INFORMATION

Item Name	Item Code
AUTOCLAVE EXPANSION TESTER	C070X00XU