

MODEL TO-408

Cement Autoclave



The Cement Autoclave is ideal for conducting accelerated soundness tests on cement and consists of a stainless steel pressure vessel with insulated outer shell. The temperature and pressure are measured by RTD probes and the system controlled by a PID controller, but the system has a spring-loaded pressure release safety valve to maintain safe operation.

Applicable standards

- ASTM C188, C141, C151, C155, AASHTO T107

Key features

- Rustproof stainless steel pressure vessel and enclosure.
- Microprocessor-based PID controller for accurate control of temperature and pressure.
- Three-part safety mechanism to protect the operator and equipment.
- Simple to use.

OPTIONAL ACCESSORIES

- **TO-40801** Heating elements
- **TO-40802** Silicon rubber lid gasket
- **TO-40803** Spring loaded, safety loaded, safety valve

ORDERING INFORMATION

- **TO-408-1-01** Cement Autoclave, 110VAC, 60Hz
- **TO-408-1-02** Cement Autoclave, 220VAC, 60Hz
- **TO-408-1-03** Cement Autoclave, 220VAC, 50Hz

MODEL TO-408 SPECIFICATIONS

Working pressure	21 ± 1kg/cm ² at 215°C (300psi at 419°F)
Pressure vessel	150 x 500mm depth
Weight	70kg
Heater	2000W