



## Autoclave

Code: 38-3900/01

Product Group: Soundness of Portland Cement by the Autoclave Method

Standards: ASTM C188, C141 , C151

The Laboratory Cement Autoclave is suitable for conducting accelerated soundness tests on Cement or the Autoclave expansion test. The equipment consists of a Stainless Steel Pressure Vessel with insulated outer shell, fabricated out of high quality Stainless Steel Sheet. The pressure inside the vessel is controlled through a micro processor based PID controller. The equipment is supplied complete with spring loaded safety valve pressure gauge, PID controller with RTD for control of Heater unit.

Special Features :

- Rust proof stainless steel pressure vessel & enclosure
- Microprocessor based PID controller for accurately controlling the temperature hence pressure
- Three fold safety mechanism for the equipment and the operator
- Reliable silicon rubber lid sealing gasket
- Very Compact

Specifications :

Working Pressure: 21 ± 1 kg/cm<sup>2</sup> at 215° C

Pressure Vessel: ID 150mm X Depth 500

Weight: 70Kg

Heater: 2000 Watts

Size: 480 (W) x 580 (D) x 1100 (H)

Supply: 220V, 50Hz, 1 phase

Panel mounted PID controller with international safety certifications

The equipment consist of the following replaceable parts :

Rubber Gasket, Viton

Pressure Gauge, 0-42 kg/cm<sup>2</sup>

Safety Valve

Digital Temperature Controller

## Further Information

\*NEW MODEL SUPERSEDING 38-3800/01 - CHECK AVAILABILITY BEFORE PLACING AN ORDER\*

\*\*NOT AVAILABLE FOR SALE IN THE USA\*\*