

CEMENT AUTOCLAVE

BE 35

The Laboratory Cement Autoclave you described is designed for conducting accelerated soundness tests or autoclave expansion tests on cement, complying with IS: 4031 (Part 3) standards. It features a high-quality stainless steel pressure vessel with an insulated outer shell. The pressure is managed by a microprocessor-based PID controller, and the setup includes a spring-loaded safety valve, pressure gauge, and an RTD-controlled heater unit. This ensures precise and safe operation for testing cement properties under controlled high-pressure conditions.

STANDARD FOLLOWING

IS 4031 (Part 3)

KEY FEATURE

Working Pressure - 21 Kg / cm² ± 1kg / cm² at 215° C

Pressure Vessel - ID 150mm X Depth 500 mm

Overall Dimensions - 390 mm (L) X 390 mm (W) X 810 mm (H)

Weight - 70 Kg Approximately

Heater - 3000 Watts

Supply - 220 V, 50 Hz, 1 phase

Panel mounted PID controller with international safety Certifications.

Rust proof stainless steel pressure vessel & enclosure

Microprocessor based PID controller for accurately controlling the temperature & pressure

