



# Cement Autoclave

(As per IS-4031 standard )

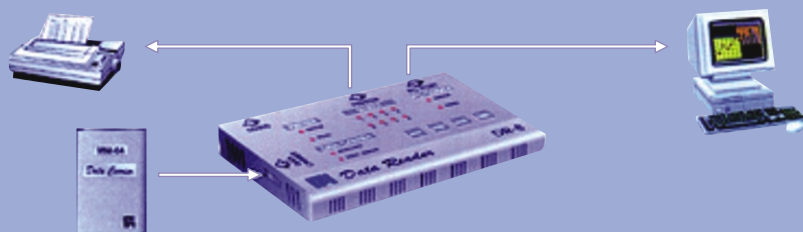
This Autoclave is suitable for conducting accelerated soundness tests on cements or the autoclave expansion test, requiring constant steam pressure with the corresponding constant temperature. It consists of a stainless steel cylinder with an insulated cover, mounted on a sturdy supporting frame, enclosed in a heat insulated metal housing. The attached control unit encloses a sensitivity pressure regulator and pressure gauge, power switches and pilot lamps for controlling the electric heating units.

Supplied complete with Test Bar Holder, Special Rack to hold specimens above water level in the autoclave and in a vertical position to expose them in the same manner.

Auto clave for soundness test designed for the performance of expansion test of cement it consists of cylindrical vessel in special steel, that can receive rack holding 10 specimens of 25 x 25 x 250mm. This vessel is thermally isolated and coated with a sheet protection. heating is achieved through two special resistance. The control panels comprises of a pressure gauge with regulator incorporated thermostat and start/stop controls, button for temperate setting the auto clave is fitted with safety valve.



- Power supply : 220-240V , 50 Hz , AC Supply
- This autoclave has a working pressure 20 ( - + 0.7) bar with control valve
- Temperature : 216°C
- Temperature Efficiency :  $\pm 2^\circ$  C
- Heating up period : ( 45 - 75)min or more Temp: 216° C.

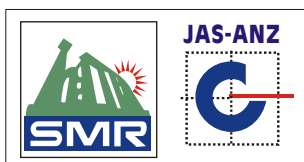


Universal Data Recorder & Processor



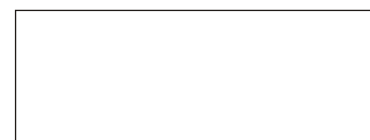
Chart Recorder Microprocessor Based Controllers

Note : We also manufacture fully Automatic PLC Based Sterilizers with Data Acquisition Systems with Customized Reporting & Validation Software.



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