

Horizontal Cylindrical Triple Walled High Pressure Autoclave

- All Body Made of Aluminium.
- Fitted with pressure gauge.
- The unit has spring loaded safety valve of pressure adjustment and a dead weight safety valve.
- It is hydraulically tested up to 30 PSI & is supplied with Electric fitting, Cord & Plug, Supplied complete with Tripod Stand.
- To work on 220/330 Volt AC Supply.

INCLUDING:

- Automatic pressure cut off switch.
- Digital temperature indicator cum controller.
- Vacuum breaker.
- Water level indicator.
- Automatic self locking system.
- Automatic low water cut off switch.
- Moisture trap.



About:

Horizontal Cylindrical Triple Walled High Pressure Autoclave



- The inner/outer chamber, steam jacket and boiler are made of heavy gauge SS with leak proof argon arc welding.
- The space between the outer chamber and steam jacket is filled with glass wool to minimize thermal losses.
- Hydraulically tested to withstand 2.5 times the working pressure.
- Steam boiler is fitted with water level indicator, pressure gauge, low water cut off device and automatic pressure control devices. Fitted with safety valve as a safety device.
- Drain valve is fitted at the side bottom for easy draining/clearing.
- This affords a complete safety to the working personnel against explosive opening.
- Two separate valves are provided for evacuating steam from inner chamber and jacket as and when desired.
- Sterilization cycle is controlled by single point multipoint valve.
- The chamber discharge line is fitted with a moisture trap to absorb the condensate automatically thus preventing moistening of the loaded material to be sterilized.
- An automatic vacuum breaker is fitted to all units as a standard accessory in order to break vacuum in case of steam condensation.
- The flanged immersion type heating element made from a very high grade material provide fast formation of pressure in the system and are protected through a electrical low water level cut off device.
- All sterilizers are provided with triple safety features through a “Piezostate” (automatic pressure control system) and a spring loaded safety valve fitted to the boiler/steam generator.
- The chamber is fitted with spring loaded safety valve and a dead weight release valve.
- To work on 220/230 or 440 volts, 3 phase, 50 Hz AC supply.

Technical Specification: Horizontal Cylindrical Triple Walled High Pressure Autoclave



Dimension (inch)	16 x 24	16 x 36	16x48	20 x 36	20 x 48	22 x 48	24x48
Inner Dimension	400 x 600	400 x 900	400 x 1200	500 x 900	500 x 1200	550 x 1200	600 x 1200
Capacity	78 Liters	115 liters	162 liters	165 liters	221 liters	300 liters	350 liters
Heater Load	6 KW	6 KW	9 KW	9 KW	12 KW	12KW	12 KW

OPTIONAL:

- Fully automatic PID purging system.
- Fully automatic system with HMI PLC based autoclave with data logger digital pressure indicator cum controller, digital temperature controlled system can be installed on order.
- Multiport Valve

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