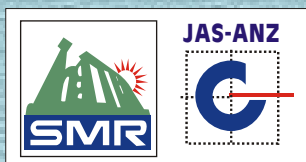


Vertical Autoclave (Economy)



An ISO 9001:2000 Company

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Construction :

The outer chamber is made of thick gauge mild steel while inner is made of 304 grade stainless steel. Lid is made of mild steel duly pre greased with primers for rust proofing with inside lined with s.s. for double protection. The unit has ms chrome plated radial locking arrangement and ring for the lid. provided with built-in safety valve, pressure guage, pressure release valve. pressure is adjustable from 5 psi to 20 psi \pm 3 psi. supplied complete with cord, plug etc. To operate on 220 /230 Volts, 50Hz AC supply.

Mode of Heating :

Electrically heated by special flange type/immersion type heaters bearing ISI mark, to operate on 220 /230 Volts, 50Hz AC supply.

Working Pressure:

The pressure inside the chamber is variable from 5 psi. to 20 psi. But the normal recommended pressure for sterilization process is 1.2 kgf/cm² g (15 psi - 17 psi).

Working Temperature : 121° C **Working Pressure :** 1.26 Kgf /cm² (15psi) **Hydro test Pressure :** 2.5 Kgf /cm² (35 psi)

Working Chamber:

Depth (mm)	X	Diameter (mm)	Volume (Ltrs.)
450	X	250	22
500	X	300	50
550	X	350	78
600	X	450	98
750	X	550	152

Note: Special sizes can be fabricated as per the customer's requirement.

Standard Controls :

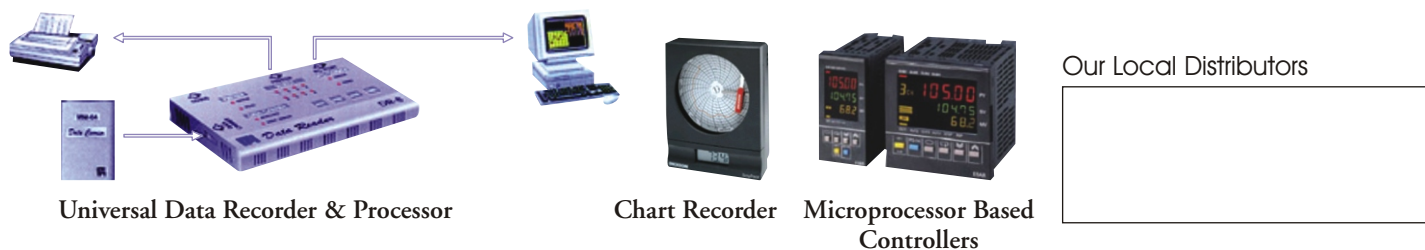
- Double safety radial locking arrangement.
- Brass steam release valve.
- Spring loaded safety valve of brass.
- Water outlet valve.
- Water level indicating gauge glass with metal guard.
- Pressure guage.
- Electrical control box, fitted with toggle switch, indicating Neon lamps and steam release valve.
- Foot Operated Paddle Lifting Device

Optional Accessories (Basic):

Automatic pressure control switch, automatic low water cut off device, mechanical timer with alarm system, temperature indicator (Digital/analog), temperature chart recorders.

Optional Accessories (Advanced):

Microprocessor based temperature/pressure controller cum indicator with pressure transmitters, complete automatic operation through advanced PLC system, data control and acquisition systems with remote location operation facility, user friendly software packages for various reporting and analytical application.



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