

Horizontal Autoclave



▶▶▶ Introduction:

Robust and rigid construction, designed all types of bulk sterilization which are commonly needed in medical, Agricultural and pharmaceutical institutions.

▶▶▶ Construction:

Triple walled with steam jacket and separate boiler. Inner chamber and steam jacket are made up of heavy gauge S.S. sheet with leak proof argon arc welding. The sterilizer has single piece door made of stainless steel. Back plate and ring is also made of thick. Stainless steel sheet. Mounted on tubular steel frame with ground leveling screwed flanges.

- Digital display of temperature and timer.
- Inner chamber, outer wall, boiler & steam jacket are made of S.S.304 grade.
- The complete unit mounted on tubular stand.
- Middle Chamber: Stainless Steel 304
- Lid: Stainless Steel 304
- Radial Locking System: Made of steel bars

▶▶▶ Steam Generator:

made of heavy stainless steel sheet

▶▶▶ Safety Door:

Sterilizer has hinged self-locking single piece thick S.S. plate door and cannot be opened when under pressure. The self-locking device automatically disengages the thread mechanism when the sterilizer is under pressure to preclude any eventuality of accident. Other safety features – As per ISIC standard.

▶▶▶ Technical Specification:

- ▶ Touch LED+LCD microprocessor controller
- ▶ Simultaneous display of temperature & time.
- ▶ Capacity: 165 Ltr.
- ▶ Load: 9.0 kw
- ▶ Size of Inside Chamber: (Depth × Dia): 500mm ×900mm (20"×36")
- ▶ Automatic pressure control switch (APC)
- ▶ Automatic Low water cut off arrangement (ALW)
- ▶ Vacuum Breaker
- ▶ Pressure Gauge
- ▶ Water level indicator
- ▶ Safety valve
- ▶ Steam Release Valve
- ▶ Timer starts automatically as soon as the set temperature is attained & stops the cycle automatically as soon the time is over.
- ▶ Sterilizing Temperature: 121°C
- ▶ Sterilizing Pressure: 1.2 to 1.5kg / cm² (15 to 22 psi)

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▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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