



Hospital Horizontal Autoclave Sterilizer

Automatic, Semi Automatic & Manual Autoclave Sterilizers
For Speciality, Super Speciality, Multi Hospitals



Offering for a wide range of
Horizontal Autoclave Sterilizer
for the use of Hospitals, Surgical
Industrial sterilization for Production Facilities
Fully Automatic Sterilizer for Multi Speciality Hospitals
low cost manually operated sterilizer;
Medium Semi Automatic Sterilizer,

Sterilization to save LIFE

HORIZONTAL AUTOCLAVE STERILIZER

**MANUAL
SEMI AUTO
&
AUTOMATIC
STERILIZERS**

Construction:

The Unit Has Outer Chamber, Inner Chamber, Boiler Lid and Jacket- all made of AISI 304 grade stainless Steel. For Controlling Sterilization Cycle a multiple valve or multi port valve provided. The unit has a very efficient ms radial locking arrangement, fitted on ring duly chrome plate. It is Supplied complete with Vacuum Barker, water level indicator, steam trap, and automatic pressure control switch. The whole unit is mounted on robust tubular m s stand. Operatable on Singel/Three phase, voltage 220/440 volts, 50Hz A.C. Supply.

Mode of Heating:

Electrically heated by special flange/thread immersion type heaters bearing ISI mark, to work on single / three pahse voltage 220/440 volts, 50Hz A.C. 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 kg/cm² (15PSI).

Working Temperature: 121 C **Working Pressure:** 1.26 kgf/cm² (15 PSI) **Hydro Test Pressure** 2.5 kgf/cm² (35 PSI)

Working Chamber Size

Diameter (mm)	X	Depth (mm)	Volume (Liters)	Load (kw)
400	X	600	78	6
500	X	900	135	12
550	X	750	152	9
400	X	1100	162	12
500	X	1200	185	12
600	X	1200	300	18
750	X	1200	525	18

Note: Special sizes can be fabricated as per customers requirement.

Standerd Controls:

- Multiple Operating Valve** : To Carry out all function of sterilization cycle i.e. steam to jacket, Steam to Chamber, exhaust and drying.
- Door** : Single Door shall be fitted with radial shooting arm, provided with automatic pressure locking device so that the door can not be open till pressure is fully exhausted
- Quick Vacuum Drying Filter** : this allows the filtered and sterilized air to break the chamber vacuum and helps in quick drying.
- Accidental Vacuum Breaker** : A safety device so jacket against accidental vacuum in it and to remove residual air from it.
- Safety Valve** : a safety device against excess pressure in jacket and steam generator.
- Dial Type Thermometer** : Indicates Sterilization Temperature.
- Plug Screen** : A Device to prevent chamber discharge line form lin/ sediment.
- Chamber Condensate Line** : Incorporated with Thermostatic steam trap/ Ball float valve and check valve for perfect condensation from chamber to achieve optimum temperature.
- Pressure & Compound gauge** : Indicate the jacket and Chamber Pressure Resp.
- Steam generator** : Shall be fitted underneath the jacket, It shall be fitted with -
1. ISI marked Electircal Heater.
 2. Automatic water level cut off device.
 3. water level inlet and out let.
 4. water level indicator gauge glass.
 5. Automatic Pressurestat switch to control the steam generator/jacket pressure.



AMBICA BOILER & FABRICATOR

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