

Steam Sterilizer have an ergonomic design to let the user have an ease of operation. The design enables the user to load and unload the material with minimal effort. All GOOD ENGINEERING PRACTICES are followed during the process of fabrication. All units are rigorously tested before dispatch to ensure unflinching performance at user place. Foundation Bolt Secured packing is provided to take care of the rigors of transit.

Steam Sterilizer are ideally suited for Hospitals, Medical Colleges, Research Centers, Nursing Homes and Forensic Science Laboratories. These are available in different capacities to meet the requirements of differently sized user segments.

Construction: The inner chamber and all parts coming in contact of water and steam are made from SS 304 or SS 316 as per the user option. The basic structure is made from rectangular stainless steel pipe with level adjusting feet (castor wheel option also available). The units are designed in a vertical manner to save on the floor space.

A powerful steam generator & Vacuum system along with a number of SS 304 or 316 quality condenser are the essential subsystem

- ★ Available in single or double door configuration.
- ★ Double door autoclaves are supplied for central sterilization rooms with a separated sterile area which provides the most stringent clean room and safety conditions.
- ★ The door are automatic vertical sliding doors, operated by a pneumatic mechanism.

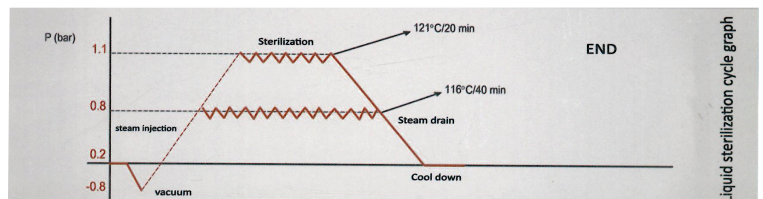
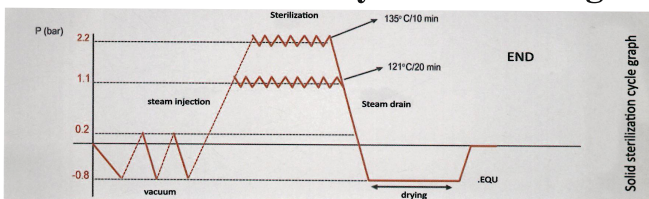


- ★ All doors are designed with a number of safety features.
- ★ No door will open if there is still pressure in the chamber.
- ★ No door will open if the chamber or load temperature is too high.
- ★ In a double door system it is impossible to open two doors simultaneously.
- ★ While door is being closed, the door will open immediately if an object is detected in front of it.
- ★ Sterilization cycle for filter housing of chamber inlet air and vacuum outlet air.

Technical Specification

- ★ Installation with internal electrical steam generator or using central steam plant or double purposed
- ★ Pneumatically operated single or double horizontal sliding door
- ★ Complete sterilization cycles: pulse-matic, pre-vacuum, sterilization & post-vacuum
- ★ Trolley/ Carriage for safe handling of material
- ★ Touch screen LCD display for monitoring sterilizer's operation
- ★ PLC based control panel and all electrical components supplied from standard companies
- ★ Micro-Filter for air refinement
- ★ Pressure gauges for chamber, steam in-take & compressed air
- ★ Steam traps for steam condensate outlet
- ★ Water seal ring vacuum pump
- ★ Chamber material: Rustproof stainless steel; AISI SS 304/316 L
- ★ Steam jacket material: Rustproof stainless steel; AISI SS 304
- ★ Panel material: Rustproof stainless steel; AISI SST 304
- ★ Real time clock with process parameters printout.

Different Sterilization Cycles Including Bowie Dick Test



Inner Size (mm) W x H x D	Cap. (Ltr)	Elect. load (KW)
600 x 600 x 1200	425	18.0
600 x 600 x 1500	540	21.0
600 x 900 x 1500	800	36.0
900 x 900 x 1500	1200	45.0