

Product Name :
AUTOCLAVE (HORIZONTAL - DOUBLE WALLED)

Product Code :
BMHCE0064



Description :

AUTOCLAVE (HORIZONTAL - DOUBLE WALLED)

Technical Specification :

• Double walled Horizontal Autoclaves are most ideal for critical applications requiring assured and reliable total destruction of all living micro-organisms. It is based on the principle that microbiological action of saturated steam at elevated temperature is rapid and thorough.

• Autoclave Horizontal is low cost options for general sterilization ideal tool for Laboratories, Hospitals, Nursing Homes, Agriculture R&D lab etc. Pharmaceutical, Food & Beverage Industries and Institutions.

• Suitable for Sterilizing hospital dressings, linen, rubber, plastic goods, surgical instruments, glassware, utensils etc.

SALENT FEATURES & CONSTRUCTION:

Double walled unit horizontally mounted on a sturdy, heavy M.S. duty painted or Stainless steel tubular stand.

Chamber & Boiler (Steam Generator) are constructed from S.S. 304 Grade.

Lid single piece sheet made of stainless steel lightened by Hydraulic Locking System.

Sealing of Lid by Neoprene Rubber Gasket.

Chamber Insulated by Mineral/Wool to minimize the heat losses and is covered by polished stainless steel sheet.

• Fitted with pressure gauge, safety valve and steam release valve.

• Sterilizing Temperature up to 121°C.

Distilling pressure: 1.2 to 1.5 kg/cm² (15 psi to 20psi)

Hydraulically Tensed up to 40 psi.

These Autoclaves work on the principle of downward displacement of air which is the most economical method of obtaining sterilization.

Fitted with separate valves for ejecting the steam into the main chamber.

Fitted with Automatic Vacuum Breaker to break the vacuum in case of formation of vacuum due to steam condensation.

Fitted with Automatic Low Water Level Cut-off Device for Prevention of Heaters.

Fitted with Automatic Pressure Control Switch to economize power consumption by reducing frequent opening of the steam release valve. It cuts off the power supply to heaters when the set pressure is achieved and re-emerges the heating elements when pressure falls below the set point.

Fitted with Dial thermometer to indicate the inner chamber temperature. Voltage: 220 Volts AC (50 Hz).

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