

Product Name :
Horizontal Autoclaves**Product Code :**
ELABAUTOCLAVES0003**Description :**

Horizontal Autoclaves

Technical Specification :

Owing to our expertise in this domain, we are engaged in offering Horizontal Autoclaves. These autoclaves comprise triple walled cylindrical with full steam jacket and separate boiler. Heavy gauge stainless steel is used for making inner chamber and steam jacket with sheet with leak proof argon-arc welding.

Manufactured using stainless steel, the sterilizer has single piece door. In addition to this, mounted on tubular steel frame with ground leveling screwed flanges, back plate and ring is also made of thick stainless steel sheet. The outer jacket is wrapped with asbestos sheet or glass wool and steam generator, which is made using heavy stainless steel sheet.

Fitted with heating elements and low water level cutoff device, a plate is provided with these autoclaves.

For easy cleaning of the deposited scale on the elements, front folding plate system is provided.

Pressure control switch is fitted with water gauge glass for water level indication, water inlet and outlet valves.

With the help of multi-port valve, which is fitted at front top, complete sterilizing cycle is controlled from one point. Fast and slow speeds of steam exhaust are available.

Mounted on the multi port valve, easily readable jacket and chamber pressure on gauges are available.

To absorb the condensate automatically to prevent moistening of the subject matter to be sterilized, a moisture trap is fitted in the chamber discharge line.

In order to break vacuum in case of formation of vacuum due to steam condensation, automatic vacuum breaker is provided.

Sterilizing pressure: 1.2 to 1.5 kg/cm² (15 psi to 22psi)

Power requirement: Suitable to operate on 440V, 3ph, 50Hz, ac supply.

 **LAB ENGINEERING**

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