

Steam Sterilizer Horizontal H. P

▶▶▶ Applications:

Analytical Technologies Ltd. Sterilizers are most ideal for critical applications requiring assured and reliable total destruction of all living micro-organism.

▶▶▶ Construction and features:

- ▶ Inner Chamber is made up of thick non-magnetic steel of 304/316 Quality and jacket is made out of rolled steel.
- ▶ Single door made of rolled steel with S.S. sheet has radial locking system.
- ▶ All units are hydraulically tested upto 40psi.
- ▶ The space between outer cover made of thick rolled sheet and the steam jacket is filled with asbestos sheet or glass wool to minimize thermal losses.
- ▶ Boiler is made of thick stainless steel sheet and is located under the sterilizer.
- ▶ Unit is fitted with water level indicator, valve, pressure gauge, water inlet and drain valves.
- ▶ Unit is also fitted with Low-Water level Cut-Off device and automatic pressure control device.
- ▶ All Analytical Technologies Ltd rectangular sterilizers are fitted with SELF LOCKING SAFETY DOOR device.
- ▶ The door cannot be opened when chamber is under pressure.
- ▶ Two separate valves are provided for evacuating steam from inner chamber and jacket, as and when desired.
- ▶ Fitted with safety valves as a safety device.
- ▶ Drain valve is fitted at the side bottom for easy draining/cleaning.
- ▶ Fitted with vacuum breaker to break vacuum in case of formation of vacuum due to steam condensation.
- ▶ Triple walled with Steam Jacket and Separate boiler. Sterilization cycle is controlled by Multiport Valve. The unit is fitted with all standard accessories.
- ▶ To work on 440volts, 3 Phase, A.C. Supply.



MODEL	SS-180	SS-240	SS-320	SS-430
inner Dimensions (WxHxD)	450x450x900mm	450x600x900mm	600x600x900mm	600x600x1200mm
Capacity	180 ltrs	240 ltrs	320 ltrs	430 ltrs
Heater Load	6.0 KW	9.0 KW	9.0 KW	9.0 KW
Controller	Automatic Piezostat (Pressure Control Switch)			
Display	Dial Thermometer			
Exhaust of Pressure	Manual through a Multiport Valve			
Sterilizing Pressure	1.2 to 1.5 kgf/cm ² (15 to 20 psi) at 121°C			
Operating Pressure	From 15 Psi to 20 Psi			
Pressure Gauge	0-2.1 kgf / cm ² (30 Psi)			
MOC (Pressure Vessel)	Stainless Steel (SS-304 or SS-316 as ordered)			
MOC (Jacket)	Made of COLD ROLLED STEEL			
MOC (External Wall)	Mild Steel Sheet Duly Painted			
MOC (Boiler)	Stainless steel (SS-304)			
MOC (Lid)	Mild sheet Duly Painted lined with S. S. from Inside			
Power Supply	440V AC, 3 Phase Supply.			
S. S. Carriage (OPTION)	Option available at extra cost			
M. S. Trolley (OPTION)	Option available at extra cost			

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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▶▶▶ Reach us @



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