

HORIZONTAL CYLINDRICAL HIGH PRESSURE AUTOCLAVE S.S LINING

TAI 906 - A

- The inner/outer chamber, steam jacket and boiler are made of heavy Gauge SS with leak proof argon arc welding.
- The space between the outer chamber and steam jacket is filled with glass wool to minimize thermal losses.
- Hydraulically tested to withstand 2.5 times the working pressure.
- Steam boiler is fitted with water level indicator, pressure gauge, low water cut off device and automatic pressure control devices.
- Drain valve is fitted at the side bottom for easy draining /cleaning this affords a complete safety to the working personnel against explosive opening.
- Two separate valves are provided for evacuating steam from inner chamber and jacket when desired.
- The flanged immersion type heating element made from a very high grade material which Provides fast formation of pressure in the system and are protected through a electric low water level cut off device.
- All sterilizers are provided with triple safety features through “Piezo state” (Automatic pressure control system) and a spring – loaded safety valve fitted to the boiler/steam Generator.
- The chamber is fitted with spring loaded safety valve and dead weight release valve.
- Works on 220/230 or 440 volts, 3 phase, 50 Hz AC supply.

SALIENT FEATURES

- Automatic pressure cut off switch
- Digital temperature indicator cum controller
- Vacuum Breaker
- Water level indicator
- Automatic-self Locking system
- Automatic low water cut off Switch
- Moisture trap
- Multiport Valve

OPTIONAL - FULLY AUTOMATIC

- PID purging system
- HMI & PLC based controller, digital temperature controlled system can be installed
- Double Door
- PRINTER: Thermal Printer
- Vacuum Pump
- Custom software can be installed

TECHNICAL SPECIFICATION

GASKET	: Made of joint less silicon rubber
EXHAUST PRESSURE	: Manually through the exhaust valve, sterilizing pressure: 1.2 to 2.5kgf/cm ² (15 to 35 Psi) at 121°C to 134°C
WORKING PRESSURE	: From 15 psi to 35 psi
PRESSURE GAUGE	: 0.2.1 kgf/cm ² (60 psi)
TUBULAR STAND	: Mild Steel
SUPPORTING RING	: SS 304 Grade Stainless Steel
PRESSURE GAUGE	: SS 304 Grade stainless steel
EXTERNAL WALL	: SS 304 Grade Stainless steel
TOP LID	: SS 304 Grade Stainless steel
TRAY	: SS 304 Grade Stainless steel

DIMENSION INCH	DIMENSION (MM)	CAPACITY	LOAD
16X24	400X600	78 Liter	6 KW
16X36	400X900	115 Liter	6 KW
16X48	400X1200	160 Liter	9 KW
20X36	500X900	175 Liter	9 KW
20X48	500X1200	235 Liter	9 KW
22X48	550x1200	300 Liter	12 KW
24X48	600X1200	350 Liter	12 KW

