

Autoclave

NSW-242

HIGH PRESSURE HIGH VACUUM STEAM STERILIZER WITH SLIDING DOOR

FEATURES:

- Fully automatic by means of PLC based Controls, which operate pneumatically actuated solenoid valves. Provision of four different cycles and programs:
 - 1) Standard cycles 2) HPHV cycles 3) Bowie Dick cycle 4) Leak test cycle.
- Rectangular design triple walled horizontal autoclave pit mounted
- Inner stainless steel 304/316 qty. Ergonomic & Sturdy Design
- Industrial grade energy efficient heaters reduce power bills drastically
- Low Maintenance & long life
- Air compressor and with piston valves
- The chamber shall be equipped with removal air pockets from chamber before sterilization
- Automatic Pressure Control Switch
- Automatic Low Water Level Cut-off Device fitted for general safety of the element.
- Dial type thermometer to indicate temperature & separate digital temperature indicator to display temperature
- Lid is made of S.S. plate provided with pressure locking system which prevents opening of the door while Steam is inside the chamber.
- Fitted with Plug screen to prevent line choking due to sediment discharge
- Supplied with one or two tray(as ordered and depending on size)
- Autoclave is fitted with easily replaceable heaters and water level indicator
- Analog gauges for chamber pressure and Jacket pressure
- Multiport valve is provided for Steam, dry sterilization & steam exhaust.
- Hydraulically tested at 40psi.Single/ Double Vertical Type Sliding door



NSW-242

CHAMBER CONSTRUCTION:

- The chamber shall be fabricated with heavy-duty SS 304 /SS 316 with high-quality inert gas argon welding.
- All nozzles and connections shall be fabricated from tubes for best hygiene and pressure security.
- The chamber thickness shall be not less than of 6mm and shall be provided with round corners for easy cleaning
- The chamber shall be at least 2% slope for full draining of the condensate.
- A removable screen plug shall be provided in the drain lines to prevent clogging of the drain pipes and fittings.
- A steam baffle shall be provided at the top of the chamber.
- The chamber shall also be providing a safety valve and compound gauge (on both sides),pressure switch and pressure transmitter.

JACKET FABRICATION:

- The chamber shall be reinforced with a SS304/SS316 qty jacket.
- The steam line to the jacket shall be an on-off valve and steam trap for condensate removal.
- The Jacket shall also be fitted with a pressures witch for automatic pressure control, a high-pressure safety valve and a vacuum breaker to prevent the creation of accidental vacuum in the chamber.

PRINTER:

- For process recording, a data printer shall be provided in the control panel.
- The printer shall be generate a print of critical process parameters ,alarms, faults and other relevant information such as• Date and time
 - Temperature & Pressure •Operator code• Process status• Alarms and faults• FO value

SAFETY FEATURE:

- Mechanical pressure relief safety valve for chamber and jacket
- Over-pressure protection device
- Over-temperature protective device
- Protective measure device of door safety.
- Interlock function device
- Low water cut off sensor

CONTAMINATION BIOSEAL:

- A stainless steel flush mounting is fitted into the sterile area wall to avoid any cross-flow of air between the sterile and non- sterile sides.

HIGH PRESSURE HIGH VACUUM STEAM STERILIZER WITH SLIDING DOOR

MODEL	SIZE			LTRS	RATING
	W	D	H		
HPSR-1	600	900	600mm	340	9KW
HPSR-2	600	1200	600mm	450	12KW
HPSR-3	1000	1500	600mm	900	18KW

Price for Optional is given on Page No.72

Large dimension rectangular high pressure sterilizer rate shall be given on request.

Narang Scientific Works Pvt. Ltd.

WHO GMP
compliant company

