

SINGLE LIVER VERTICAL AUTOCLAVE

Brand: **BIOGENIX®**

Product Overview

The BioGenix™ fully automatic autoclaves are offered with unique single lever lock for lid. BioGenix autoclaves are offered in 8 different sizes from 35 to 180 liters. These Fully Automatic Autoclaves have customized microprocessor based control system which ensure required sterilization accuracy, repeatability & safety



Fully Automatic Features

- Fully Automatic Autoclave – most useful to sterilizer Lab glassware, Plastic Tubing, Liquid in sealed glass containers and many more uses.
- Fully Argon welded to avoid steam and pressure leak.
- CE Certified instrument.
- Double walled in construction with Inner SS 304 Matt/Buff or Mirror finish.
- A Special Box Type Outer GI / SS 304 body is provided with state of art control panel to avoid direct heated contact with main Jackett and double walled body of autoclave.
- A unique single lever lock ensures easy lifting & closure of Autoclave door without leakage of Vacuum & Pressure.
- The Temp. is being controlled by Microprocessor-based PID Temp. Controller with Dual Digital Indicator and PT – 100 sensor
- The cycle begins with the press of a start Switch for fully automatic operation.
- Automatic steam and air exhaust at end of the cycle.
- Specially designed heaters reduce power consumption.
- Removable SS wire mesh/rod carrier supported on footed, SS frame in-built.
- Water low-level Alarm indication and heater cut off facility.
- Lid is equipped with pressure gauge range 0 to 20 PSI, safety valve, and exhaust valve.
- Safety valve, Steam release Exhaust Valve, Vacuum breaker – for more safety.
- Temperature Range: up to 1210°C. Temperature Accuracy: $\pm 1^{\circ}\text{C}$. Pressure Range: 0 to 20 PSI.

Applications

- The BS-SLA series Autoclaves are suitable for a wide range of applications wherein fast and assured sterilization is required.
- Ideal for Pharma Laboratory QC, QA, Micro, R&D, Chemical Plants, Bio-Labs, Water & Air Pollution Labs, Fisheries, Mineral Water Plants, Food, Beverage & Distilleries, Flight Kitchens, Mass Kitchens, Five Star Hotels, Hospitals, Nursing Homes & Specialty Doctors.

SIZE, CAPACITY & ORDERING DETAILS

Model	Working Chamber Size (Ø x D) / Capacity	Carrier (Ø x D)	Gross Dimension / Weight
BS-SLA-35	300 x 500 mm / 35 L	1 of 250 x 450 mm	820 x 620 x 1170 mm / 75 kg
BS-SLA-50	350 x 550 mm / 50 L	1 of 300 x 500 mm	870 x 670 x 1230 mm / 85 kg
BS-SLA-75	400 x 600 mm / 75 L	1 of 350 x 550 mm	970 x 720 x 1290 mm / 97 kg
BS-SLA-115	450 x 720 mm / 115 L	2 of 400 x 340 mm	1020 x 770 x 1350 mm / 125 kg
BS-SLA-180	550 x 760 mm / 180 L	2 of 500 x 350 mm	1150 x 890 x 1420 mm / 155 kg

ADDITIONAL FEATURES:

- PRINTER OUTPUT facility required to record PV, SV, Actual Date/Time with variable print time interval, 5000 line memory & Audio alarm facility in case of memory full.
- AUDIO ALARM facility to alert for Temp. Overshoot/undershoot.
- 21 CFR PART 11 COMPLIANCE SOFTWARE for Data Management with F0 value calculation.
- Temperature Scanner having 2 temp. probes to monitor and record temp. inside the equipment with printing facility.
- Digital Pressure Indication.

Safety Features

- ↘Automatic purging system.
- ↘WLC System for Heater protection.
- ↘Electronic safety system for microprocessor Based controller and wlc.
- ↘Separate Ball Valves for water Inlet & Drainage.
- ↘Dial type Pressure Gauge to indicate pressure in the Chamber.
- ↘Pressure Release valve to release excess pressure from chamber.
- ↘Audio visual Alarm system after completion of the cycle.
- ↘Gauge glass facility for water visibility.



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