

TABLE TOP AUTOCLAVE (STEAM STERILIZERS)

DEFINATION AND APPLICATION AREAS

A gas-tight, sealable pressure vessel, used for the thermal treatment of substances in the overpressure range. Autoclaves are used for sterilizing, curing building materials, for vulcanizing tires and belts and for pressing fiber composites. As a result, they are used in medical and food technology, biology, the glass and aviation industries, as well as in brickworks and vulcanizing plants



SILENT FEATURE

- ✓ Automatic water level cut off device for element as a safety feature.
- ✓ Digital temperature indicator/controller for indication of temperature reading.
- ✓ Digital timer.
- ✓ Safety alarm
- ✓ Vacuum breaker valve
- ✓ Fly nuts locking system.
- ✓ Validation Port
- ✓ Printer for Print

SPECIFICATION

•SS Lid with radial Locking and good quality rubber gasket.

•The working pressure is 1.1 to 1.2 Kg. /cm² (15-18PSI).

The Working temperature: 121°C-134°C. Pressure controlled through piezostat

Weight TBS

Accessories: Provided with double safety valve, Water inlet & outlet valves, pressure release valve S.S wire basket. Panel provided with controls & indicators, 60 minute timer.

220/230 Volts A.C. supply. Inner chamber is always made of thick stainless steel 316/304 OR mild steel.

The chamber is absolutely leak – proof and can be operated at any selected point in between 5 to 20 pounds per sq. Inch.

Additional Features:

- SS Seamless diepressed deep drawn chamber
- µp based PID controller with dual display for Temp. & Time
- Fully SS construction
- Dual safety valves
- Microprocessor Digital temperature controller cum timer
- Over heat auto shut down at 135°C
- Dual Display
- Unique shape heater of outer SS tubing
- Food grade silicon rubber gasket for better durability
- Specially designed heater for optimum chamber usage
- Calibrated temperature-cum-pressure gauge
- Colour coded monitoring gauge

APPLICATIONS

- ❑Autoclaves are important devices to ensure the sterilization of materials containing water as they cannot be sterilized by dry heat sterilization. Besides, autoclaves are used for various other purposes.
- ❑They are specifically used to decontaminate biological waste and sterilize media, and instruments.
- ❑In medical labs, autoclaves are used to sterilize medical equipment, glassware, surgical equipment, and medical wastes.
- ❑Regulated medical waste which may contain bacteria, viruses, and other biological materials is to be inactivated by autoclaving before disposal.
- ❑Similarly, autoclaves are used for the sterilization of culture media, plastic tubes, and pipette tips.

Size, Capacity & ordering Information

Item Code	Size / Capacity (Litres) Including Lid
BS-PA-11	220 x 300mm = 9" x 12" (11 Litres)
BS-PA-15	300 x 225mm = 12" x 9" (15 Litres)
BS-PA-21	300 x 300mm = 12" x 12" (21 Litres)
BS-PA-24	300 x 350mm = 12" x 14" (24 Litres)
BS-PA-28	300 x 400mm = 12" x 16" (28 Litres)
BS-PA-38	350 x 400mm = 14" x 16" (38 Litres)

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