

# Vertical Autoclave

## Single Lever



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### SAFETY FEATURES:

- Safety valve for chamber & Jacket.
- Automatic purging system.
- WLC System for Heater protection.
- Separate Ball Valves for water Inlet and 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 cycle.
- Gauge glass facility for water visibility.

- Thermal Printer with FO Value Calculation.

### OPTIONAL:

- 21 CFR Part II Compliance
- SCADA Compliance

### APPLICATION

- For use in Microbiology, Hospital, QC & Research laboratories, Pharmaceutical Industry etc.

### Fully Automatic Model:

Temperature automatically maintained by digital Controller, which control / pressure and temperature with auto air purge, digital timer, auto steam exhaust, low water level cutoff.

- Vertical Triple wall design has triple chamber and water.
- Working chamber made of Stainless Steel 316 grade of 3 mm thickness.
- Outer cover made of stainless steel 1 mm thick.
- Lid. flange & bottom sheet also made of stainless. All joints argon welded
- Joint less silicon gasket, heavy duty industrial flange heater.
- Pressure range : 15 to 22 PSI. factory set at 15 PSI.
- Lid fitted pressure gauge 0-30 PSI, safety spring loaded pressure valve and steam release valve.
- Hydraulically tested at 60 PSI.
- Single lever operated Door.
- **Electrical:** 230v / 32A / 50Hz.
- **Temperature Control:** Microprocessor based digital display.
- **Temperature Sensor:** PT - 100
- **Temperature Range:** 121°C to 125°C
- **Temperature Resolution:** 0.1°C
- **Temperature Resolution:** 0.1°C
- **Temperature Accuracy:**  $\pm 0.5^{\circ}\text{C}$

Size of Working Chamber		Capacity	Rating
Dia x Height (inches)	Dia x Height (cms)	Ltr	KW
12 x 20 + 150mm	30 x 50 + 150mm	35	2
14 x 22 + 150mm	35 x 55 + 150mm	52	3
16 x 24 + 150mm	40 x 60 + 150mm	75	3
18 x 24 + 150mm	45 x 60 + 150mm	95	4
18 x 30 + 150mm	45 x 75 + 150mm	125	4



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## Wing-Nut



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