

# **VERTICAL AUTOCLAVE**

## **(AI0053)**



- Fully automatic/ semi-automatic operation; cycle begins by press of the START button.
- Initial air purging cycle; at the start air is automatically removed from the chamber.
- Microprocessor based digital temperature indicator controller controls temperature / pressure precisely at set value.
- Temperature sensor: PT – 100.
- In built digital timer; timer can be adjusted as per sterilization load requirement.
- Automatic steam exhaust at the end of cycle
- Low water level heater safeguard.
- Safety high pressure release valve
- Safety high temperature cut off. Included if ordered separately
- Working chamber made of stainless steel LM 304 grade of 2mm thickness
- Outer cover made of stainless steel 1mm thick
- Lid, flange & bottom sheet also made of stainless steel. All joints argon welded
- Joint less silicon gasket. Heavy duty industrial flange heater With foot lifting arrangement.
- Pressure range: 15 to 22 PSI, factory set at 15 PSI
- Temperature range: 121°C to 125°C
- Temperature resolution: 0.1°C / temperature accuracy: ±0.5°C
- Electrical: 230V / 15A / 50 Hz

**HiMedia Laboratories Pvt. Ltd.**  
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## Optional Accessories

- 1) Temperature controller with Water level & timer for portable autoclave
- 2) Automatic Pressure Switch to out off supply at set pressure
- 3) 1, 4 Point Temperature or 3 point Temperature and 1 point pressure channel data Logger with F0 value calculation and LCD display controller, software

Manual Model	Supply with only autoclave pressure gauge, safety valve, Manual Pressure release valve and heater.
Semi-Automatic Model	Supply with only autoclave pressure gauge, safety valve, Manual Pressure release valve, Temperature controller with timer, low water level sensor and heater.
Fully Automatic Model	Supply with only autoclave pressure gauge, safety valve, Manual Pressure release valve, Temperature controller with timer, low water level sensor, Purging valve, cycle end alarm and heater.

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