

## AUTOCLAVE



### Model No- SLE AUT 001

Autoclave : In Autoclave the Inner chamber is made up of thick stainless steel (304) & the Outer body is made up of thick Mild Steel / Stainless Steel. The chamber is absolutely leak proof & can be operated at any selected point in between 5 to 20 pounds per sq. Inch.

- Double walled construction, fully made of Stainless steel 304 grade
- Thick, flat SS make seamless argon welded flange. Bakelite knobs for even fitting of the lid.
- Silicon rubber gasket, jointless and able to withstand high pressure and temperature.
- Should be mounted on sturdy stand of SS. Low profile stand.
- Digital controller for set time, temperature display, automatic start of cycle, On-OFF of the autoclave etc.
- Automatic steam release once cycle is completed.
- Suitable capacity water reservoir with level indicator.
- Water immersion type, industrial grade, ISI mark heaters.
- Water inlet/outlet connection piping and drain lines.
- Should be supplied with SS - mesh type loading baskets.

Equipped with CFC free refrigerants and air-cooled compressors, the instrument performs conditioning procedures required in various industries. The Humidity Chamber comes with aerodynamically shaped fans for maintaining heating, cooling, humidification and dehumidification efficiency and provides environmental simulations.

## Key Specifications:

Size & Capacity	12 x 20 inches – 35 liters
	18 x 24 inches – 95 liters 18 x 30 inches – 140 liters 22 x 30 inches – 175 liters
Model	Vertical
Construction	Double wall
Inner made	Inner made of thick gauges stainless steel with argon welding
Outer made	Outer made of thick gauge stainless steel with 3 Nos. metal casting legs
Controller	Digital temperature controller with all advance features.
Temperature	121 deg C
Power supply	414 V AC, 50 Hz, 3 phase
Working pressure	1.2 to 1.4 bar
Heater	water immersion type, industrial grade heaters.

## Highlights:

Pressure gauge	Dial type pressure gauge for viewing of pressure
Water level indicator	Yes
Safety valves	Yes 2 number steam release safety valves
Legs	SS 3 legs for support.
Basket	stainless steel perforated basket
Extra port	Yes , extra port for ventilation.
Foot lifting	Yes ,Foot lifting facility for opening of lid
Heat loss	Silicon Gasket to minimize the heat loss

## Optional Features -

- Printer interface – Printing facility
- Additional basket – stainless steel perforated basket

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## Some of our Key LAB PRODUCTS:

					
Humidity Oven	Autoclave	Muffle Furnace	Vacuum Oven	Constant Temp Bath	BOD Incubator

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