



P-LAB

PRECISION LAB FURNITURE INDUSTRIES



**VERTICAL & HORIZONTAL
AUTOCLAVE**

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Vertical Autoclave Manual Operated

Technical Specification:

- MOC: SS304 grade mirror finish
- Operating Temperature: 121°C
- Operating Pressure: 1.2 Kg/cm²
- Gasket: Silicone airtight pressure proof gasket.
- Pressure Gauge – 0 to 2 bar
- Safety Valve - Operating Pressure 1.2 Kg/cm²
- Steam Release Valve - Manually Operated
- Auto Exhaust facility & Validation Port
- Air Valve



Sr. No.	Dimensions (Inch)	Rating (kw)	Capacity (ltrs)
1	Dia 10 x 18 Ht	2000	23
2	Dia 12 x 20 Ht	2000	37
3	Dia 14 x 22 Ht	3000	55
4	Dia 16 x 24 Ht	4000	80
5	Dia 18 x 24 Ht	4000	100
6	Dia 18 x 30 Ht	4000	125
7	Dia 22 x 30 Ht	5000	186
8	Dia 24 x 30 Ht	6000	222

Vertical Autoclave Semi-Automatic Operated

Technical Specification:

- MOC: SS304 grade mirror finish
- Operating Temperature: 121°C
- Operating Pressure: 1.2 Kg/cm²
- Gasket: Silicone airtight pressure proof gasket.
- Pressure Gauge – 0 to 2 bar
- Safety Valve - Operating Pressure 1.2 Kg/cm²
- Steam Release Valve - Manually Operated
- Auto Exhaust facility & Validation Port
- Air Valve
- Temperature Sensor.
- Led Indicators.
- Digital Screen display.
- Universal analog inputs.
- Settable log/sterilization time interval.
- Adjustable Soak Time in 1 min to 99 min.



Sr. No.	Dimensions (Inch)	Rating (kw)	Capacity (ltrs)
1	Dia 10 x 18 Ht	2000	23
2	Dia 12 x 20 Ht	2000	37
3	Dia 14 x 22 Ht	3000	55
4	Dia 16 x 24 Ht	4000	80
5	Dia 18 x 24 Ht	4000	100
6	Dia 18 x 30 Ht	4000	125
7	Dia 22 x 30 Ht	5000	186
8	Dia 24 x 30 Ht	6000	222

Vertical Autoclave Fully Automatic Operated

Technical Specification:

- MOC: SS304 grade mirror finish
- Operating Temperature: 121°C
- Operating Pressure: 1.2 Kg/cm²
- Gasket: Silicone airtight pressure proof gasket.
- Pressure Gauge – 0 to 2 bar
- Safety Valve - Operating Pressure 1.2 Kg/cm²
- Steam Release Valve - Manually Operated
- Auto Exhaust facility & Validation Port
- Air Valve
- Temperature Sensor.
- Led Indicators.
- Digital Screen display.
- Universal analog inputs.
- Settable log/sterilization time interval.
- Adjustable Soak Time in 1 min to 99 min.
- Low water level switch to protect the heater from low water level.
- Automatic phases handled Chamber Steam controlling, temp maintaining, sterilization time holding, Auto-Exhaust, Cycle end.



Sr. No.	Dimensions (Inch)	Rating (kw)	Capacity (ltrs)
1	Dia 10 x 18 Ht	2000	23
2	Dia 12 x 20 Ht	2000	37
3	Dia 14 x 22 Ht	3000	55
4	Dia 16 x 24 Ht	4000	80
5	Dia 18 x 24 Ht	4000	100
6	Dia 18 x 30 Ht	4000	125
7	Dia 22 x 30 Ht	5000	186
8	Dia 24 x 30 Ht	6000	222

Horizontal Autoclave

- Sterilization at standard 121°C and 134°C cycles.
- Set values process values of temperature pressure will be shown on display screen.
- Vacuum pulsing and drying to achieve low Sterility Assurance Level (SAI).
- Automatic control of temperature, pressure values and all critical parameters.
- Reports auto generated in pen drive, hard disk or printer.

HPHV Rectangular Autoclave

Dimension	Working Capacity	Single door	Double door
2 x 2 x 2.5	285 Liters	HRS222.5	HRD222.5
2 x 2 x 4	450 Liters	HRS224	HRD224
2 x 2 x 5	550 Liters	HRS225	HRD225
3 x 3 x 4	1020 Liters	HRS334	HRD334



HPHV Cylindrical Autoclave

Dimension	Working Capacity	Single door	Double door
16" x 24"	80 Liters	HCS1624	-
16" x 30"	100 Liters	HCS1630	HCD1630
16" x 36"	120 Liters	HCS1636	HCD1636
20" x 30"	150 Liters	HCS2030	HCD2030
20" x 36"	185 Liters	HCS2036	HCD2036
20" x 48"	248 Liters	HCS2048	HCD2048

