

AUTOCLAVE VERTICAL

THE PLT – 101 SERIES



APPLICATION

- ★ Autoclave Vertical is most ideal for critical applications requiring assured and reliable total destruction of all living micro-organisms.
- ★ Autoclave Vertical is low cost options for general sterilization ideal tool for Laboratories, Hospitals, Nursing Homes, R&D labs etc, Pharmaceutical, Food & Beverage Industries and Institutions.

SALIENT FEATURES AND CONSTRUCTION

- ★ Inner & Outer Chamber, constructed from S. S. 304 Grade
- ★ Bucket / Basket Made of Stainless Steel
- ★ Water Level Indicator
- ★ Lid Closing by Radial Locking System
- ★ Sealing of Lid by Neoprene Rubber Gasket
- ★ Lid is fitted with Pressure Gauge, Spring Loaded Safety Valve
- ★ Operating range from 15psi to 20psi pressure
- ★ Sterilizing Temperature up to 134°C
- ★ Voltage: 220 Volts AC (50 Hz)



An ISO 9001: 2008 Certified Co.



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

PARAMETERS	MODEL ACV - 1	MODEL ACV – 2	MODEL ACV – 3	MODEL ACV – 4	MODEL ACV – 5
Inner Dimensions (Dia x Height)	250x450mm	300x500mm	350x550mm	450x600mm	550x750mm
Inches Conversion	10 x 18	12 x 20	14 x 22	18 x 24	22 x 30
Capacity	22 ltrs	40 ltrs	50 ltrs	98 ltrs	152 ltrs
Working Load	2.0 KW	2.0 KW	3.0 KW	4.0 KW	6.0 KW
Gasket	Made of Neoprene Rubber				
Sterilizing pressure	1.2 kgf / cm (15psi)at 121°C				
Pressure Gauge	0-2.1 kgf / cm ² (30 psi)				
Operating pressure	From 15 to 20psi (Adjustable)				
Inner Pressure Tank	Stainless Steel (SS-304)				
Top Lid	Mild Steel Plate lined with Stainless Steel from inside				
Basket	Made of Stainless Steel				
Lid Tightening	Radial Locking system worked by handle				
Lid Opening	Paddle lifting device				
Water Level Indicator	Fitted on the outer chamber				
Boiler – Hydraulically Tested	Upto ± 40 psi				
Accuracy	± 3 psi				
Safety Device	Spring Loaded Type				
Water Draining System	Hand Operated Valve				
Heating	BY ISI Marked Immersion Heaters				
Steam & Vacuum Release	By Valve				
Power Supply	220/230V AC, 50/60Hz				

OPTIONAL FEATURES

Present Pressure Operation	Automatic Switch Piezostat
Heater Safety	Automatic cut-off switch
Pre-set Time Operation	By Mechanical / Digital Timers Analogue 0-60 minutes
Temperature Display	Digital Temperature Indicators with LED display
Temperature Recording	Thermograph with / without digital display – Circular Type
Dry Sterilization	Triple wall arrangement