



Ettore Darvi

FebriTherm Autoclave



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AUTOCLAVE has been specially designed to sterilize the media and glassware to perform microbiological test in a microbiology laboratory.

- W The inside & outside both chambers are made of stainless steel, filled with good quality of Insulated material in between the inner and outer chamber.
- W Lid made of SS/gunmetal duly chromed is fitted to work on a pressure range between 0 – 20 psi. Lid can be closed with locking nut or with a radial locking system with foot lifting arrangement as opted. Pressure is controlled with the help of a pressure controlling spring provided on the lid.
- W A pressure stat is recommended to opt to control the pressure precisely.
- W A good quality of gasket is provided under the lid to avoid any pressure leakage.
- W Optionally a Digital Temperature Indicator along with a RTD (PT –100) sensor (placed inside the chamber) is provided to view the inside steam/water temperature.
- W The autoclave is fully checked (hydraulically tested at a pressure of 35 psi) to ensure to work on a pressure range between 0– 20 psi.
- W Safety device, pressure release valve & dial pressure gauge to read the pressure have been provided as standard accessories along with the instrument.
- W Water Level Indicator is provided to check the water level inside the chamber from outside, if opted for.
- W A tripod or sterilizing basket/drum-as opted is also provided to place the sample for sterilization inside the autoclave.



Available Sizes:

Sr. No.	VERTICAL Dimension (in mm) (Dia. X Depth)/ (Volume in Liter)	HORIZONTAL	
		Cylindrical Dimension (in mm) (Dia. X Depth)/ (Volume in Liter)	Rectangular Dimension (in mm) (WxDXH)/ (Volume in Liter)
1.	300 x 550 (39)	400 x 600 (75)	400 x 400 x 600 (96)
2.	355 x 550 (54)	400 x 900 (113)	450 x 450 x 900 (182)
3.	400 x 600 (75)	600 x 1200 (339)	600 x 600 x 1200 (432)
4.	550 x 750 (178)	750 x 1500 (663)	750 x 750 x 1500 (844)

Technical Specifications

Parameters	Models				
	Vertical			Horizontal	
MOC	S.S. 304	S.S. 304	S.S. 304	S.S. 304	S.S. 304
Lid Locking Arrangement	Screw Locking	Radial Locking	Radial Locking	Radial Locking	Radial Locking
Insulation	Glass Wool				
Construction	Double Walled			Triple Walled	
Temperature	With Heating Element fitted in chamber to work on 121°C			With external boiler to work on 121°C	
Controlling	With Pressure switch	Pressure Stat	PLC Controlling		
Display	Pressure gauge	Pressure gauge & Digital Temp.	Digital Pressure, Temperature & Time		
Printer	N.A.	N.A.	With thermal printer		
Door	Single	Single	Single	Single	Double
Vaccum	N.A.	N.A.	N.A.	N.A.	Built-In
Data Logging	N.A.	Optional			Built-In
Piping	N.A.	N.A.	N.A.	S.S. 304	
Temperature Overshoot	N.A.	Provided with alarm system, in case of temperature overshoot			
Sample Container	N.A.	Optional	Optional	Provided	
Calibration	Free of Cost from NABL accredited Lab				
Instruction Manual	Free of Cost				
Documents	Free of Cost DQ, OQ, I.Q & PQ				



Ordering Information :

Part No.	Product Descriptions
ED-VA-039	Vertical Autoclave 39 L ; (DiaXDepth) 300X500mm
ED-VA-054	Vertical Autoclave 54 L ; (DiaXDepth) 355X550mm
ED-VA-075	Vertical Autoclave 75 L ; (DiaXDepth) 400X600mm
ED-VA-178	Vertical Autoclave 178 L ; (DiaXDepth) 550X750mm
ED-HC-075	Horizontal Cylindrical Autoclave; (DiaXDepth) 400X600mm
ED-HC-113	Horizontal Cylindrical Autoclave 113 L; (DiaXDepth) 400 x 900 mm
ED-HC-339	Horizontal Cylindrical Autoclave 339 L (DiaXDepth) 600 x 1200 mm
ED-HC-663	Horizontal Cylindrical Autoclave 663 L (DiaX Depth) 750 x 1500 mm
ED-HR-096	Horizontal Rectangular Autoclave 96 L (WXDXH)400 x 400 x 600 mm
ED-HR-182	Horizontal Rectangular Autoclave 182 L (WXDXH)450 x 450 x 900 mm
ED-HR-432	Horizontal Rectangular Autoclave 432 L (WXDXH)600 x 600 x 1200 mm
ED-HR-844	Horizontal Rectangular Autoclave 844 L (WXDXH)750 x 750 x 1500 mm
ED-A-CUS	Autoclave Customized

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