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AUTOCLAVES & STERILIZERS

Setting and Achieving Highest Quality Safety and
Operating Performance and Standards.

Enhancing Science of Life

MAC

VERTICAL AUTOCLAVE

FULLY AUTOMATIC PROPLUS

- Backed with 56 years of service to science and our expertise in steam pressure sterilization autoclaves. Our Top Loading PRO Series Autoclaves are the ideal companion for the modern microbiologists and institutes, pharma companies, hospitals etc.
- Leakproof silicon gasket
- Over pressure safety
- Safe and sturdy chamber manufactured from Stainless Steel(SS-304)
- Low water level cut off for safety of heating elements.
- Independent safety for over temperature protection.
- Saves Power bills by upto 30%
- Inner chamber and Top Lid made of Stainless Steel SS-304.
- Outer body mild steel OR Stainless Steel(as ordered)
- Electrical on/off safety switch
- Easy draining of chamber
- Easy portability and placement and movement
- PROPLUS series has the touch screen graphical Programmable Logic Controller which delivers exceptional management with progressive notifications.'
- TFT(TOUCH SCREEN)HMI AND PLC(PROGRAMMABLE LOGIC CONTROL)
- Integrated unit with graphic devices which continuously monitors and records dates, time of day, load identification number and operating parameters
- Data can be transferred via EPROM port through a pen drive,
- Can easily transfer data to any PC/Desktop.
- User settable alphanumeric batch number and operator name
- Built-in user settable sterilizing modes
- Power failure restore
- 3 Level password protection
- User settable alphanumeric batch no. with operator
- Auto purging and exhaust
- Offline PC connectivity
- Service and Calibration reminders
- Dual pressure scales in psi and kPa
- Printing in smart tabular format with date, time, batch number, operator name and status
- Enables authentic documenting of every Autoclave cycle



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	MOC (Inner) : SS-304 MOC (Outer) : MS	#AVF-28 (PROPLUS-MS)	#AVF-43 (PROPLUS-MS)	#AVF-64 (PROPLUS-MS)	#AVF-91 (PROPLUS-MS)	#AVF-135 (PROPLUS-MS)	#AVF-210 (PROPLUS-MS)	#AVF-240 (PROPLUS-MS)
	MOC (Inner) : SS-304 MOC (Outer) : SS	#AVF-28 (PROPLUS-SS)	#AVF-43 (PROPLUS-SS)	#AVF-64 (PROPLUS-SS)	#AVF-91 (PROPLUS-SS)	#AVF-135 (PROPLUS-SS)	#AVF-210 (PROPLUS-SS)	#AVF-240 (PROPLUS-SS)
Gross /Effective Useable Capacity		28/22 Itrs.	43/40 Itrs.	64/53 Itrs.	91/78 Itrs.	135/113 Itrs.	210/187 Itrs.	240/213 Itrs.
Working Chamber Dimensions		Ø250x450mm	Ø300x500mm	Ø350x550mm	Ø400x600mm	Ø450x710mm	Ø550x760mm	Ø550x900mm
Heater Load		2.0 KW	3.0 KW	3.0 KW	4.0 KW	4.0 KW	5.0 KW	5.0 KW
Type	Top Loading							
Construction	Inner chamber and Top Lid made of Stainless Steel SS-304 and Outer Body made of Mild Steel OR Stainless Steel SS-304 (as ordered)							
Controller	These units are fitted with TFT (TOUCH SCREEN) HMI AND PLC integrated unit with graphic devices which will automatically and continuously monitor and record dates, time of day, load identification number and operating parameters throughout the entire length of the autoclave cycle.							
Temperature Range	Upto 122°C for 20 psi OR 134°C for 30 psi (as ordered)							

OPTION

- With 21CFR compliant software and data cable for logging data directly to your PC. (DOT Matrix Printer and PC to customer scope)
- Validation documentation(Mapping) with (3+1) point temperature scanning for one cycle each on empty and loaded conditions (to cost extra)
- Drain/Exhaust cooling through a cooling coil condenser for condensate collection.
- Circular chart recorder to cost extra (for Temperature only or for Temperature and Pressure only)

MAC

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