

MAC



AUTOCLAVE & STERILIZERS

Enhancing Science of Life

Setting and Achieving Highest Quality Safety
Standards and Operating Performance

MAC

VERTICAL AUTOCLAVE FULLY AUTOMATIC MSW-101 (PROFAD)



- 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)
- Chamber is designed as per ASME guidelines.
- Low water level cut off for safety of heating elements.
- Independent safety for over temperature protection.
- Saves Power bills by upto 30%
- Outer body mild steel OR Stainless Steel (as ordered)
- Electrical on/off safety switch
- Easy draining of chamber
- Easy portability and placement and movement
- With pressure interlock device. Heater will not start if cover is open.
- Audio visual alarm and heater cut off in case of low water for the safety of the heater elements.
- Smooth finished joint for crevice free internal chamber.
- Fitted with stainless steel pressure gauge with DUAL range dial pressure display in KPA & PSI.
- Sterilization hold time is settable in steps of 1 minutes each

- Single lever facilitates ergonomic and convenient use and ease of loading and unloading
- Highest Quality Standards
- Repeatability and accountability.
- Minimal footprint
- Optimal loading capacities with standard erlenmeyer flasks and media bottles.
- Liquid Sterilization

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	MOC (Inner) : SS-304 MOC (Outer) : MS	#AVF-28 (PROFAD-MS)	#AVF-43 (PROFAD-MS)	#AVF-64 (PROFAD-MS)	#AVF-91 (PROFAD-MS)	#AVF-135 (PROFAD-MS)	#AVF-210 (PROFAD-MS)	#AVF-240 (PROFAD-MS)
	MOC (Inner) : SS-304 MOC (Outer) : SS	#AVF-28 (PROFAD-SS)	#AVF-43 (PROFAD-SS)	#AVF-64 (PROFAD-SS)	#AVF-91 (PROFAD-SS)	#AVF-135 (PROFAD-SS)	#AVF-210 (PROFAD-SS)	#AVF-240 (PROFAD-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 (as ordered)							
Controller	Microprocessor Based Fully Automatic Fuzzy Logic Control System with Alphanumeric Digital backlit LCD display with Set Value (SV) and Process Value (PV)							
Timer (Auto Time Control) & Buzzer	Fitted with AUTOMATIC DIGITAL MINUTE TIMER which starts automatically when set/desired value of temperature is achieved. When the set time period is over the heaters get switched off automatically with alarm for cycle end							
Temperature Range	Upto 122°C for 20 psi							

OPTION

- Drain/Exhaust cooling through a cooling coil condenser for condensate collection.
- TFT Touch Screen Display Controller in lieu of LED/LCD Controller

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