

MAC

AUTOCLAVE & STERILIZERS

Enhancing Science of Life

Setting and Achieving Highest Quality Safety
Standards and Operating Performance



MAC

VERTICAL AUTOCLAVE SEMI AUTOMATIC MSW-101(PRO SAD)

- 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 locking of lid for faster operations.
- Heater and pressure interlock for lid lock safety.
- Effortless lifting of lid with assisted spring push back support
- Accurate temperature control with user level flexibility. Display process and set values simultaneously.
- Microprocessor based controller with time and temperature programmable by user.
- Class "A" platinum (pt-100) sensor, enabling precise and accurate monitoring.
- Low water cut off for safety of heater.
- Sensor open alarm and display.
- End of cycle buzzer to alert the user and auto reset.
- Miniature circuit breaker for MAINS on/off plus safety of control panel.
- Fitted with low-water level cut-off device.
- Industrial grade energy efficient heaters reduce power bills drastically.
- 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.



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	MOC (Inner) : SS-304 MOC (Outer) : MS	#AVF-28 (PROSAD-MS)	#AVF-43 (PROSAD-MS)	#AVF-64 (PROSAD-MS)	#AVF-91 (PROSAD-MS)	#AVF-135 (PROSAD-MS)	#AVF-210 (PROSAD-MS)
	MOC (Inner) : SS-304 MOC (Outer) : SS	#AVF-28 (PROSAD-SS)	#AVF-43 (PROSAD-SS)	#AVF-64 (PROSAD-SS)	#AVF-91 (PROSAD-SS)	#AVF-135 (PROSAD-SS)	#AVF-210 (PROSAD-SS)
Gross/Effective Useable Capacity		28/22 ltrs.	43/40 ltrs.	64/53 ltrs.	91/78 ltrs.	135/113 ltrs.	210/187 ltrs.
Working Chamber Dimensions		Ø250x450mm	Ø300x500mm	Ø350x550mm	Ø400x600mm	Ø450x710mm	Ø550x760mm
Heater Load		2.0 KW	3.0 KW	3.0 KW	4.0 KW	4.0 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		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
- High Pressure unit to work on 30 psi instead of 20 psi, to cost extra.

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