

MAC



AUTOCLAVE & STERILIZERS

Enhancing Science of Life

Setting and Achieving Highest Quality Safety
Standards and Operating Performance

VERTICAL AUTOCLAVE FULLY AUTOMATIC MSW-101(PRODOC)

MAC

- Media Preparations
- Glassware / Pipette
- Sterizations
- Wrapped/Unwrapped
- Instruments Sterilizations
- Waste Sterilizations
- Fully Automatic cycle operations requiring no human interventions
- Cycle end alert alarms
- Colour Coated dual scale pressure gauge with temperature readout.

- 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
- These units are fitted with Microprocessor Based Temperature Controller with 16 x 2 Characters LCD Display with backlight.
- Compatible with Four RS-485 devices
- Recording Value : Process Value, Set Value.
- Periodic recoding of Alarm Status & Error Conditions
- Data Storage Capacity (Approx. 2.50 Lakh Records)
- Continuous(Log)/ Time slot(Batch)Recording
- Programmable Recording Interval
- Recording Interval (User Settable) : Log Mode : Minimum - 1 Min Batch Mode : Minimum - 10 sec
- Date / Time Stamped Records
- 2 Deviation Alarm Outputs
- Centronics Printer Connectivity(LX-300)
- Online Printing(Min. Interval 1 Minute)
- Universal supply voltage(90 to 270 VAC)

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	MOC (Inner) : SS-304 MOC (Outer) : MS	#AVF-28 (PRODOC-MS)	#AVF-43 (PRODOC-MS)	#AVF-64 (PRODOC-MS)	#AVF-91 (PRODOC-MS)	#AVF-135 (PRODOC-MS)	#AVF-210 (PRODOC-MS)
	MOC (Inner) : SS-304 MOC (Outer) : SS	#AVF-28 (PRODOC-SS)	#AVF-43 (PRODOC-SS)	#AVF-64 (PRODOC-SS)	#AVF-91 (PRODOC-SS)	#AVF-135 (PRODOC-SS)	#AVF-210 (PRODOC-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
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	Microprocessor Based Fully Automatic Fuzzy Logic Control System with Alphanumeric Digital backlit LCD display with Set Value (SV) and Process Value (PV)						
Temperature Range	Upto 122°C for 20 psi						
Timer (Auto Time Control) & Buzzer	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.						
Data Logger	With real time data logger with CENTRONIC PRINTER PORT (DOT MATRIX) and USB Port for taking data (Paperless Data Recording) and Saving ON PC. (DOT Matrix Printer to customer scope).						

OPTION

- Centronic Printer port(Dot Matrix)& PC Com Port with Software in lieu of USB Data Port.
- High Pressure unit to work on 30 psi instead of 20 psi to cost extra.

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