



LABORATORY AUTOCLAVES VERTICAL AUTOCLAVES //
CULTURE MEDIA PREPARATOR

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AE-MP Series

AE-MP streamlines the operative workflow for microbiology and plant tissue culture laboratories. In one single device it is integrated the preparation, sterilization and dispensation of high quality culture media with outstanding batch to batch reproducibility. AE-MP are designed to reduce total run time and deliver high volumes of sterile culture media thanks to its efficient heating system and fast cooling phase at the end of the sterilization process.

Contact

CULTURE MEDIA PREPARATOR – AE-MP SERIES

Intended use

Quick and efficient culture media preparation. High throughput.

Advantages

- Fast heating.
- Fast Cooling. Until 60% less time.
- Programmable peristaltic pump.
- High precision timer to adjust the exact dosing.
- Foot pedal for easy and ergonomical use.
- 2 predefined programs and 48 user free.
- USB / Ethernet.
- Heart probe on the culture media.
- Automatic water feeding.
- Strong and reliable design.

Features

- Preparation, sterilization, cooling and dispensing all integrated.
- Chamber case and lid made of AISI-316L stainless steel. External case and top made of AISI-304 stainless steel.
- Stirring speed control.
- Brand new Touch Screen color display for an easy programming and parameters selection for sterilization process.
- 50 programs (2 predefined).
- Parameters setting: Sterilization temperature, Sterilization time, Dispensing temperature.
- The required dispensing dose is selected with an external control and a foot pedal is pressed for integrated peristaltic pump activation (max speed 270 rpm).
- Pure water for sterilization can be added manually between the cuvette and the main chamber until level detector is activated.
- Automatic filling is available by connecting the device to pure mains water.
- External or integrated printer (optional).

Safety

- Safety valve.
- Safety thermostat.
- Door opening prevention system in case of over-pressure.
- Open door sensor.
- Water level detector.

Reference	Capacity L	Useful capacity L	Ø × H cm	L x D x H cm	Temp. °C
AE-20-MP	40	20	320 x 350	62 x 73 x 70	50-125
AE-40-MP	68	40	320 x 500	62 x 73 x 120	50-125
AE-60-MP	94	60	320 x 700	62 x 73 x 130	50-125
AE-80-MP *	130	80	420 x 500	76 x 85 x 140	50-125
AE-100-MP *	195	100	420 x 700	76 x 85 x 150	50-125
* On request					

Max. pressure bar	W	Kg	Min. time
1,2	3000	95	1-250
1,2	6000	165	1-250
1,2	9000	180	1-250
1,2	12000	250	1-250
1,2	15000	295	1-250