

Products

SERIES 12000(D)



SPEC

MODEL		Series 12000(D)
Overall Size		1,438(W) x 1,935(H) x 1,880(L)mm
Door Type		Lift-Clutch Door(Automatic)
Chamber	Size	750(W) x 1,050(H) x 1,530(L)mm

MS 0888	MODEL	PRODUCTS	NEWS	ABOUT US	Series 12000(D)
	STERILIZER				CUSTOMER SERVICE
		Material	Stainless Steel 316L		
		Capacity	1,200ℓ		
Temperature Range			110°C~135°C (230°F~275°F)		
Operation Cycle			Pre-Vacuum, Flash, Liquid, Gravity, Leak-Test, Bowie-Dick Test		
Printer			Thermal dot Matrix, 40 characters per line		
Control System			PLC or Embedded system		
Vacuum System			Vacuum with Watering Vacuum pump or Water Ejector		
Power Consumption			1P 220V and 3P AC 220/380V, 50/60Hz, 22Kw		
Display			Color 5.7" TFT-LCD Touch Screen		
Steam Source			House Steam Supply: Pipe 1", Flow rate- Max 200kg/hr, Pressure 3.5~5Kgf/cm²		
Water Supply			½" above, Water Pressure 1~3kgf/cm²		
Air Supply			¼" Air Pressure 4~6kgf/cm²		
Drain Pipe			Copper or Steel(not metal 110°C), above 1"+ ½"		
Weight			Approx. 2,320Kg		

INFORMATION

1. Design & Material

The Series 12000 is Steam Sterilizer with the designation and production by A.S.M.E Regulation.

2. Fully Automatic Control equipped with PLC or Embedded system

Easy operation and control with the implementation of Full Automatic system by PLC or embedded system.

3. Lift-Clutch Power Door automatically opened and closed(Also Manual Acceptable)

4. Operator Easily Control by 5.7" TFT LCD Color Touch Screen

Display is the 5.7" TFT LCD color Touch Screen, which can select the operation cycle.

Large sized display to easily and clearly check the process for cycles from long distance.

Can be conversed in Korean or English.

Cycle process is displaying by blinking on the status.

Display the remaining Sterilization and Dry time (Countdown)

5. Safety Device of the system

Checking the whole conditions prior to operating with self-diagnostic function.

The Error message are showed on the display and sounded the alarm when the problem happen on the operation or the condition is not setting before the start.

Happening malfunction, operation stopping, Beeping and Displaying the "ER" and "Error Number"

Safety Valve- prevent from overpressure.

Door interlock system-if the chamber pressure is over 30kpa, the door is not opened by mechanical door lock system.

6. Vacuum System

The sterilization is initiated by a vacuum pump (or water ejector) generating a high vacuum to remove remaining air in the load on the Pre-vacuum and Flash Cycle.

The steam vapor is removed by vacuum system to improve load drying in the dry process.

Higher vacuum & Lower consumption of water by equipping watering-system pump.

Re-pollution controlling by accepting new filter that can filter the particles of $0.3\mu\text{m}$ up to 99.98% and filtering air inflowing to chamber from outside at the process of drying cycle.

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