

MAC

ENVIRONMENTAL CHAMBER

COOLED HUMIDITY CHAMBER

MSW-127



Images for reference purpose only, may change according to model & size

ENVIRONMENTAL CHAMBER COOLED HUMIDITY CHAMBER MSW-127

- ◆ Suitable for carrying out different quality control tests under controlled conditions of temperature and humidity.
- ◆ The excellent quality of magnetic gum packing for the external door.
- ◆ User oriented design of shelves makes you adjust each space of shelves without difficulty.
- ◆ Inner chamber is made of stainless steel (S.S.-304 Grade) and outer wall made of CRC sheet duly powder coated.
- ◆ High grade Polyurethane Foam (PUF) insulation between outer and inner chamber for minimal thermal loss.
- ◆ Front double walled door is provided with lock and key arrangement.
- ◆ A self-cooled air circulation fan is fitted to maintain uniform temperature and humidity condition throughout the chamber
- ◆ Humidity is created through steam generation tank.
- ◆ Provided with refrigeration system to control temperature range from 10°C to 60°C $\pm 1^\circ\text{C}$ and humidity 5% above ambient from 40% to 95% RH $\pm 3\%$ RH at Cool Temperature.
- ◆ CFC free friendly compressor.



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TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Type	Forced Convection Type
Temperature Range	10°C to 60°C
Temperature Accuracy	$\pm 0.5^\circ\text{C}$ (at 37°C)
Humidity Range	5% above ambient from 40% to 95%RH at cool temperatures
Humidity Accuracy	$\pm 3\%$ RH
Temperature Controller	Microprocessor Based Digital Temperature Indicator-Cum-Controller
Humidity Controller	Digital Temperature Humidity Indicator-Cum-Controller
Electric Supply	220/230V AC, 50/60Hz

CHAMBER CAPACITY	CHAMBER VOLUME	MICROPROCESSOR DIGITAL CONTROLLER WITH LCD DISPLAY	TFT TOUCH SCREEN DISPLAY CONTROLLER
		MODEL	MODEL
112 ltrs	4.0 Cuft	#EC-4 (LCD)	#EC-4 (TFT)
171 ltrs	6.1 Cuft	#EC-6 (LCD)	#EC-6 (TFT)
285 ltrs	10.0 Cuft	#EC-10 (LCD)	#EC-10 (TFT)
340 ltrs	12.0 Cuft	#EC-12 (LCD)	#EC-12 (TFT)
450 ltrs	16.0 Cuft	#EC-16 (LCD)	#EC-16 (TFT)
560 ltrs	20.0 Cuft	#EC-20 (LCD)	#EC-20 (TFT)
800 ltrs	28.0 Cuft	#EC-28 (LCD)	#EC-28 (TFT)
1000 ltrs	35.0 Cuft	#EC-35 (LCD)	#EC-35 (TFT)

* Automatic Voltage Stabilizer recommended as essential

OPTIONS

a) Illumination with fluorescent tubes and 0-24 hrs cyclic timer to control illumination conditions.



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