



MAC



BOD Incubator

Low Temperature

MSW-121

- ★ Most suitable for experiments requiring low temperature conditions like microorganism or activation, cell culture process of animals and plants, good storage and desalting process of enzyme extracts etc.
- ★ Low-temperature cooling incubators designed for biological oxygen demand applications and analysis at a certain temperature over a specific period time.
- ★ Our range of incubators helps to achieve the desired temperature with the best technology.

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- ★ With a solid double walled door, a full view see-thru inner door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- ★ Excellent quality magnetic gum packing door gasket for external door.
- ★ User- oriented modular design of shelves makes you adjust each space of shelves without difficulty.
- ★ Forced air circulation at triple walled back by durable coaxial blower, maintains optimum temperature uniformity and homogeneity.
- ★ High grade high pressure foamed in-place puf insulation between outer and inner chamber for minimal thermal losses.
- ★ Caster wheel mounted for easy portability.
- ★ Front double walled door is provided with lock and key arrangement.
- ★ Door operated illumination lamp is fitted inside the chamber for easy visibility.
- ★ Cooling evaporator facilitates uniform and faster cooling effects.

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Type	Forced Convection Type
Compressor	Hermetically sealed air cooling compressor system
Temperature Range	5°C to 60°C (Resolution 0.1°C)
Accuracy	± 0.5°C (at 37°C)
MOC Outer	CRC sheet duly powder coated
MOC Inner	Chamber and trays made of Stainless Steel (SS-304)
Safety	Over Temperature Limiter Switch Prevents Overheating
Temperature Controller	Microprocessor Based Digital Temperature Indicator-cum-Controller
Electric Supply	220/230V AC, 50/60Hz

CHAMBER CAP. /VOL. Ltrs./Cuft	CHAMBER SIZE (W x D x H) in mm	MICROPROCESSOR DIGITAL CONTROLLER WITH LED DISPLAY	MICROPROCESSOR DIGITAL CONTROLLER WITH LCD DISPLAY	TFT TOUCH SCREEN DISPLAY CONTROLLER
		MODEL	MODEL	MODEL
112 /4.0	455x415x610	#LTI-4(LED)	#LTI-4 (LCD)	#LTI-4 (TFT)
171 /6.1	505x415x830	#LTI-6(LED)	#LTI-6 (LCD)	#LTI-6 (TFT)
285 /10.0	580x565x900	#LTI-10(LED)	#LTI-10 (LCD)	#LTI-10 (TFT)
336 /12.0	660x580x900	#LTI-12(LED)	#LTI-12 (LCD)	#LTI-12 (TFT)
450 /16.0	660x660x970	#LTI-16(LED)	#LTI-16 (LCD)	#LTI-16 (TFT)
560 /20.0	660x660x1250	#LTI-20(LED)	#LTI-20 (LCD)	#LTI-20 (TFT)
800 /28.0	800x800x1250	#LTI-28(LED)	#LTI-28 (LCD)	#LTI-28 (TFT)
1000 /35.0	800x800x1580	#LTI-35(LED)	#LTI-35 (LCD)	#LTI-35 (TFT)

Automatic Voltage Stabilizer is recommended

Option

- Interior illumination arrangement with cyclic timer to control cyclic illumination conditions.
- Humidity generation and control arrangement through a Digital Humidity Indicator-Cum-Controller from 55% RH to 95% RH at cool temperatures. (Available only for LCD & TFT variants).
- GMP Models Inner & Outer made of SS-304 (Capacity : 112 Ltrs. to 336 Ltrs.).
- GMP Models Inner & Outer made of SS-304 (Capacity : 450 Ltrs. to 560 Ltrs.).
- GMP Models Inner & Outer made of SS-304 (Capacity : 800 Ltrs.).
- GMP Models Inner & Outer made of SS-304 (Capacity : 1000 Ltrs.).

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