



MBINCH Laboratory Cooling Incubator 0°C to 100°C

LCD



Smart air circulation

Download Catalogue



0°C to 100°C



Smart air circulation - automatic fan

With smart air circulation microprocessor control, MBINF provide higher temperature uniformity in the chamber



Intelligent PID controller

Microprocessor controlled temperature provide minimum temperature deviation



Internal UV Sterilization lamp

UV sterilization light, prevents contamination between two incubation cycles



Double over heating protection

Additional double heating protection, prevent samples overheating and loss it



Double tempered glass door

Tempered glass dor with heating funcrion

The COLO MBINCH incubators are designed to be the ultimate device in your laboratory where you can, under precise temperature conditions, cultivate bacteria for microbial testing, incubating of cell cultures for in vitro fertilization... Precision temperature sensor, programmable thermo controller, interior and exterior made of high quality materials, will give your work precision and comfort. Different types with above and below room temperature, CO2 incubators, incubators with shaking, with light it will help you to perform stability test in pharmacy, industry, medicine research ...

Forced air circulation microprocessor controlled, provide high temperature uniformity in chamber and protect your samples. High quality corrosion resistant material is ideal for easy cleaning and long term exploitation, Short heat up time save your time during the work process. High quality insulation prevents heat loss and saves your energy. Forced ventilation for all type MBINC cooling incubator provides temperature uniformity and indicator display setting and actual temperature in chamber.

- MBINCA – LCD display, self-diagnostic function, over temperature limited, ø52mm test hole, inner glass door, inner chamber light...
- MBINCC – LCD display, self-diagnostic function, over temperature limited, ø52mm test hole, inner glass door, inner chamber light, proper programming controller with 30 temp and time ramp, intelligent cooling and defrosting system, auto running and auto stopping, timer monitor, independent temperature safety device...
- MBINCD – LCD color display, self-diagnostic function, additional temperature limit protection, ø50mm test hole, intelligent cooling and defrosting system, self-adjusting fan speed to sample protect, inner glass observation window,
- MBINBOD – BOD INCUBATOR LCD color display, self-diagnostic function, additional temperature limit protection, programming controller with 30 temp and time ramp ø43mm test hole, intelligent cooling and defrosting system, self-adjusting fan speed to sample protect, inner glass observation window...

MBINCA70	MBINCA150	MBINCA250	MBINCC70	MBINCC150	MBINCC250
MBINCD70	MBINCD150	MBINCD250	MBINCBOD70	MBINCBOD150	MBINCBOD250

Incubator Type	MBINCH200			MBINCH300		
SKU	SKU4807			SKU4806		
Volume Litre	200			300		
Air Circulation	Forced Air Circulation (Convection) with smart fan regulation system					
Temperature range	0 - 100°C					
Temperature resolution	0,1°C					
Temperature uniformity	1°C					
Temperature motion	High Temp. : ±0.5°C					
Display type	7 Inch touch screen color LCD					
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, self-tuning,					
Ramp programming 30 steps	●			●		
Monitor timer	●			●		
Timer	0-9999min with timing wait function					
Test hole	Ø52mm			Ø43mm		
Housing	Cold rolling still with electrostatic spraying exterior					
Temperature sensor	Pt100 A class					
Inner chamber light	Yes					
Inner glass observation window	Yes					
Auto fan speed regulation	Yes					
Self-diagnostic function	Yes					
Independent temperature safety	Yes					
Operation function	Temperature settings, timing function, auto stop, internal parameter locking, temperature correction, auto tuning, parameter memory in the case of electrical cut off, over temperature sound and light alarm					
Standard shelf number	3					
Optional shelf number (max)	9			12		
Load per shelf (max)	15kg					
Voltage	220V±10%/50-60Hz					
Power	1200W			1450W		
Inner waterproof socket	○	○	○	○	○	○
Inner chamber size W*D*H mm	518*500*832			500*490*1295		
External size	598*797*1475			761*606*1900		
NV/GV kg	130/150			150/170		
Standard Temperature Certificate	At 40°C in the chamber centre Issued by COLO technical service					
Temperature certificate (optional)	One or multi point temp, mapping, issued by accredited laboratory					
Optional accessories	Shelf, RS485 interface, Printer, Program Temperature Control device, Remote control, Wi-Fi Smart phone control, Temperature Controller with ramp settings, USB data storage, Touch Screen Display, Calibration certificate, Service Certificates.					

Please note

If this Incubator does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts

Laboratory Equipment production and Distribution

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