



MBINCL Low Temperature Cooling Incubator

LCD 

 Smart air circulation

Download Catalogue 

-20°C to 65°C



Smart air circulation

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



Intelligent PID controller

Microprocessor controlled temperature provide minimum temperature deviation



TFT LCD Display

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

Observation samples without temperature lossing

The COLO MBINCL 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,.

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 MBINCL 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...

Incubator Model	MBINCL100	MBINCL150	MBINTCL300
Chamber Volume	100L	150L	300L
Temperature Range	-20-65°C		
Temperature resolution	0.1		
Temperature fluctuation (cooling/heating)	±0.3°C		
Timing range	0-9999min		
Inner glass door	Yes tempered glass		
Chamber heating/cooling	Forced air circulation controlled by ARM processor		
Accuracy	±0,2°C at 37,0°C		
Temperature uniformity	±0.1°C		
Heating time up to 37°C	Less than 15 min		
Settings	LCD display,		
Processor	ARM digital PID algorithm temperature, time, and process control		
Temperature calibration	1,2,3 point		
Material inner chamber	Stainless Steel SU304		
Test port	Yes		
Cooling medium	R134a (CFC free)		
Standard shelves	2pcs/adjustable		
Overheating protection	Double – digital control and analog hydraulic independent thermostat with the adjustment of the overdraft percentage (recommended 10%) with jog dial settings		
Alarms	Overheating, door open, system unstable, Exceeding the set temperature limit (customer settings) ,		
Power supply	AC220V±10%, 50/60Hz		
Power consumption	800W	1400W	1.8KW
Internal Chamber Dimension (mm)	500*400*550	500*400*750	520*500*1170
External dimension	640*668*1210	640*668*1410	660*690*1690
Net weight	44kg	51kg	160kg

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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