



# MBINE Laboratory Incubator - Advanced

Double layer door structure, Two temperature sensor

LCD



Smart air circulation

Download Catalogue



RT+5°C to 80°C



## Smart air/Natural circulation

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



## Intelligent PID controller

Microprocessor controlled temperature provide minimum temperature deviation



## Smart Wi-Fi temperature control

Optional COLO Smart phone Wi-Fi temperature control



## Double over heating protection

Additional double heating protection, prevent samples overheating and loss it



## Additional temperature limiter

Additional digital temperature limiter, prevent samples overheating

The COLO 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 ...

Natural air circulation or forced air circulation 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. Optional Smart Phone Wi-Fi temperature control

- MBIN7 – Portable Incubator, natural air circulation, LED display, full control with PID regulation, over temperature protection, light and sound alarm, 1 pc shelf,
- MBIN18 – Small volume incubator, natural air convection, LED display, full control with PID regulation, over temperature protection, light and sound alarm, built in glass observation window.
- MBINE – Forced air circulation, LCD display, additional temperature limit protection, fan speed four step regulation (0,1,2,3), built in glass observation window
- MBIND – Natural air circulation, LED display, temperature protection, Inner glass observation window, over temperature protection,
- MBINF – Forced air circulation, LCD display, additional over temperature protection, alarm, inner glass observation window, fan speed four step regulation (0,1,2,3), UV sterilization light, LED light.
- DRYMB/DRYMBE – Dual function of Drying Oven and Incubator, forced air circulation, LED/LCD display, built in glass observation window, over temperature protection, additional over temperature limit protection (DRYMBE), fan speed four step regulation (0,1,2,3), (DRYMBE), alarm
- MBINC Laboratory cooling incubators 0-60°C
- MBINCO Air jacked CO2 incubator

	MBINE30	MBINE45	MBINE65	MBINE85	MBINE125	MBINE230
Price						
Volume Litter	30	45	65	85	125	230
Air Circulation	Forced Air Circulation (Convection)/Natural air convection (0, 1, 2, 3, Steps selector)					
Temperature range	Rt+5 - 120°C					
Temperature resolution	0,1°C					
Temperature uniformity	1°C					
Display type	LCD					
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, auto tuning,					
Adjustable exhaust air flap	Ø28mm on top with function of test hole					
Timer	0-9999min with timing wait function					
Housing	Cold rolling still with electro static spraying exterior					
Temperature sensor	Pt100					
Door with tempered glass observation window	Series MBINE has equipped with tempered glass observation windows					
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	2					
Optional shelf number (max)	6	7	9	9	13	17
Load per shelf (max)	15kg					
Voltage	220V/50-60Hz					
Power	0,4kW	0,5kW	0,7kW	0,9kW	1,1kW	1,5kW
Inner chamber size W*L*H mm	310*310*310	350*350*350	400-360*450	450*420*450	500*450*550	600*500-750
NV/GV kg	33/37	37/43	44/49	60/56	80/90	94/120
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,					

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

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