



# MBINCO CO2 Incubator with IR sensor

## Double layer door structure

LCD

Smart air circulation

Download Catalogue

RT+5°C to 55°C

**LCF Touch Screen**  
Easy to import, control parameter settingd

**HEPA CO2 gas filter**  
High quality CO2 gas filter ensures the inside gad quality.

**Internal UV Sterilization lamp**  
UV sterilization light, prevents contamination between two incubation cycles

**IR CO2 sensor**  
High quality infrared sensor for accurate CO2 concentration

**Double layer door structure**  
Inner tempered glass door, provide samples observation without lost of temperature inside of the cnamber

Sensitive far infrared CO2 sensor and automatic calibration function brings about accurate control of CO2 concentration.

- HEPA filter installed inside ensures the inner air quality reaches level 100.
- Breeze circulation system brings no effect to the cell culturing.
- When the door is open, the fan will stop to keep from the convection of internal air and external air, and heating system will stop to prevent over temperature.
- Direct 6-side heating wire heating, and air jacket design bring about short warming up time, no over temperature, and good uniformity.
- SUS304 Cu mirror stainless steel chamber with foursquare arc transition design can keep from bacteria and experiment contamination.
- Bottom heating natural evaporation humidification plate ensures high humidity culturing environment
- Hidden UV lamp sterilizes the water in the humidification plate and the circulating air to make the experiment environment clean.
- Double layer door design: reinforced glass internal door makes sure the saleability.
- Adjustable direction of door opening meets different custom users.
- Internal door heating system keeps from moisture condensing.
- Air inlet HEPA DUF filters dust of which diameter is larger than 0.33um with efficiency of 99.97%, and minimize the pollution in the working chamber.
- Over-temperature alarm, CO2 concentration abnormity alarm, and warning water level alarm.
- Convenient PID operation: running with data set and time set, automatic shut-down based on setting, and automatic recovery to previous status after power outage and recovery .
- Special function key for temperature setting.
- Auxiliary menus make over-temperature alarm, deviation adjusting, and menu lock come true.

Type	MBINCO50	MBINCO10
Price		

Model	MBINCO50	MBINCO150
Power Supply	220V/50Hz/ 0,7kw	220V/50Hz/ 1kw
Temperature Range °C	RT+5 - 55°C	
Temperature resolution °C	0,1°C	
Temperature fluctation °C	±0,1°C	
Temperature uniformity °C	±0,35°C	
CO2 Concentration range	0-20%	
CO2 Concentration fluctation	±0,5%	
Chamber Humidity	≥90%RH	
Timer control min	0-9999	
Chamber size mm W*D*H	50*380*380	500*500*600
External size W*D*H	465*480*580	615*700*800
Packing size	515*530*630	665*750*850
Max. Shelf layers (std)	3	3
Chamber Capacity	50liter	160
Packing size	708*716*1368	788*866*1468
NW/GW	46/55	76/88

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.

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