



MBIND Laboratory Incubator - Standard

Double layer door structure, High temperature uniformity

LED



Natural air circulation

Download
Catalogue



RT+5°C to 70°C



Natural air circulation

With natural air circulation this unit provide hith temperature uniformity in chamber



Intelligent PID controller

Microprocessor controlled temperature with timing function provide minimum temperature deviation



Timing Function with alarm

Integrating timer function with alarm 1-9999 min



Overheating alarm

Class 3.1 integrated independent temperature safety device (DIN 12880) with visual alarm the case of overheating visual and sound alarm indicate temperature abnormality



Double layer door structure

Inner tempered glass door, provide samples observation without lost of temperature inside of the cnamber

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 ...

Stainless steel shelves

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. Recovery time after door was opened for 30 s at 37°C is 15 min.

- 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 tempered 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

ITEM	MBIND45	MBIND65	MBIND125	MBIND210
Price				
Working/Chamber Volume L	45	62	120	210
Air Circulation	Natural Air Circulation			
Temperature range	Rt+5 - 70°C			
Temperature resolution	0,1°C			
Temperature uniformity at 37°C	0.5 ± K			
Temperature fluctuation at 37°C	0.3 ± K			
Display type	LED			
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, auto tuning,			
Adjustable exhaust air flap	Ø28mm on top			
Timer	0-9999min with timing wait function			
Housing	Cold rolling still with electro static spraying exterior			
Temperature sensor	Pt100			
Door with inner tempered glass observation window	Inner tempered glass observation window			
Operation function	Temperature settings, timing function, auto stop, internal parameter locking, temperature correction, auto tuning, and parameter memory in the case of electrical cut off, over temperature sound and light alarm.			
Standard shelf number	2			
System housing protection acc. EN 60529	IP20			
Permitted load	45kg			
Optional shelf number (max)	7	9	13	14
Load per rack (max)	15kg			
Voltage	220V/50-60Hz			
Wall clearance back	160mm			
Wall clearance sidewise	100mm			
Power	0,35kW	0,45kW	0,6kW	0,7kW
Energy consumption at 37°C	20 Wh/h	25 Wh/h	40 Wh/h	60 Wh/h
Inner chamber size W*D*H mm	350*350*350	400-350*440	500*450*550	600*580*600
Outer dimension W*D*H	525*480*620	614*577*625	675*580*820	775*710*870
NV/GV kg	27/30	32/35	45/49	58/63
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			
Test hole	Yes			
Optional accessories	Shelf, RS485 interface, Printer, Program Temperature Control device, Remote control, WF 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.