



MBINCOS1 CO2 Incubator with 90°C steam sterilization chamber

High temperature uniformity

Download
Catalogue



RT+5°C to 60°C



HEPA Filter



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



LCD touch screen display

It is suitable for a wide range of fields such as cytology, biology, oncology, genetics, immunology, virus research and genetic engineering research. It is an ideal device for the cultivation of cells, tissues and bacteria in scientific research units and industrial production departments such as modern medicine, pharmaceutical industry, biochemistry and agricultural science.

- Air jacket: with 90°C steam sterilization function.
- Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- High quality infrared sensor for accurate CO2 concentration.
- The working chamber adopts round angle structure, easy to clean.
- High quality HEPA filter ensures the inside gas quality.
- SMC brand gas circuit valves ensure more stable gas concentration and less consumption of gas.
- Push-pull shelves with holes ensures better temperature uniformity.
- Microcomputer controller, LCD displays temperature, CO2 concentration, run-time and timing.
- Three Liters water reservoir in the bottom chamber ensures high humidity.

ITEM	MBINCOS1 100	MBINCOS1 160	MBINCOS1 200	MBINCOS1 260	MBINCOS1 300
Price					
Working/Chamber Volume L	100	160	200	260	300
Type	Air jacket				
Temperature range	Rt+5 - 60°C				
Ambient temperature	5 – 30°C, suggest 25± 2 °C				
Temperature resolution	0,1°C				
Temperature uniformity at 37°C	± 0.3 °C				
Temperature fluctuation at 37°C	± 0.2 °C				
CO2 control	IR sensor (VAISALA), NIST certificate				
CO2 range	0-20%				
CO2 control resolution	± 0.1 %				
CO2 uniformity	± 0.2 %				
Filter	HEPA filter				
Display type	LCD 7.0" touch screen				
Data store	USB interface				
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, auto tuning				
Sterilization	90°C steam sterilization				
Adjustable exhaust air flap with stainless steel cap	Inner Ø35 mm on top				
Timer	0-9999min with timing wait function				
Housing	Cold rolling still with electro static spraying exterior				
Temperature sensor	PT100				
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, error status alarm.				
Standard shelf number	2			3	
Load per rack (max)	16kg				
Voltage	220V,50-60Hz (standard), 110V, 60Hz (optional)				
Power	800W	820W	840W	1380W	1800W
Inner chamber size W*D*H mm	407*415*615	475*470*753	505*470*857	557*475*997	567*500*1068
Outer dimension W*D*H	632*740*894	682*796*1030	730*796*1134	782*805*1274	792*830*1344
GW kg	120	135	155	190	210
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				

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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COLO LabExperts



Laboratory Equipment production and Distribution

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