



CO2 INCUBATOR AIR JACKETED BER1DG2

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CO2 INCUBATOR



1. Full color 7.0 inch touch screen.
2. Standard Germany infrared high temperature and high precision CO2 concentration sensor.
3. Has three levels of authority management function, with high temperature 180°C sterilization function.
4. Six side heating air jacket heating system, while the design of a reasonable air duct mechanism, good temperature uniformity, heating, rapid return temperature.
5. Adopts chassis reservoir design with large evaporation area and fast moisture return. With a door heating device, can avoid the inner door glass condensation. The product is equipped with high efficiency filter and intake filter to ensure the cleanliness of the air in the working room.

SPECIFICATIONS

Model	BER1DG2
Heating System	Air jacket
Performance	
--Temp Range	RT+5~55°C
--Temp Resolution Ratio	0.1°C
--Temp Fluctuation	±0.1°C
--Temp Uniformity	±0.3°C
--CO2 Sensor	Infrared type/measuring range: 0.0~21.0%
--CO2 Control Range	0.0~20.0%
--CO2 Control Accuracy	±0.1%
Construction	
--Inner Chamber	SUS304 stainless steel studio
--Outer Shell	Cold-rolled steel plate, surface electrostatic spraying
--Insulation Layer	Polyurethane
--Heater	Heating sheet
--Humidity Method	Humidifying pan evaporates naturally
--Rated Power	0.5kW
--Gas Vent	Φ27mm rear (with test hole function)
--Other	HEPA filter
Controller	
--Temp Control Mode	Intelligent fuzzy PID control
--Temp Setting Mode	Touch screen
--Timer	0~9999 minutes (with timing wait function)
--Operation Function	Fixed value operation, timed operation, automatic stop
--Sterilization Function	Ultraviolet sterilization, wet heat sterilization, high temperature sterilization
--Additional Function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power off parameter memory
--Sensor	PT100, water level sensor, CO2 sensor
Safety Device	High temperature alarm
Specification	
--Inner Chamber(W*L*Hmm)	404*439*454

--Exterior Size(W*L*H mm)	585*585*766
--Packing Size(W*L*H mm)	705*705*966
--Inner Volume	80L
--Shelf Number	5
--Load Per Rack	15kg
--Shelf Space	35mm
--Power Supply (50/60 Hz) Rated Current	AC220V/2.3A
--NW/GW (kg)	77/85
--Shelf	2
--Partition Rack	4
Optional Accessories	Shelf, printer
Alt Name	CO2 Incubator



APPLICATIONS

Widely used in microbiology, medicine, pharmaceutical, environmental protection, food, animal husbandry and other scientific fields of research and production. It is commonly used in the research fields of cell dynamics, collection of mammalian cell secretions, carcinogenic or toxicological effects of various physical and chemical factors, research and production of antigens, culture of hybridoma cells for antibody production, stem cells, tissue engineering, drug screening and other research fields.



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