



COOLED INCUBATOR BER1CZ3

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COMPRESSOR-COOLED INCUBATORS



1. Unique internal wind circulation structure design, fan breeze circulation, so that the temperature distribution in the working room is uniform.
2. Double-layer door structure, the inner door adopts high-quality tempered glass to facilitate the observation of samples, the outer door adopts magnetic rubber strip, easy to open and close, good sealing.
3. Large-size LCD touch screen, 30-segment program, each period of time setting range: 0 ~ 9999 hours/minute, with scheduled start and stop function, standard electronic independent temperature limiter. Double protection experiment safety.
4. The use of frequency conversion refrigeration system temperature control stability, to ensure long-term frost-free operation, more energy saving advantages.
5. Standard LED lighting, UV germicidal lamp, with sterilization timing function, standard built-in universal socket, convenient internal equipment power supply

SPECIFICATIONS

Model	BER1CZ3
Pattern	Forced Convection
Function	
--Temp Range	0~65℃
--Temp Resolution Ratio	0.1℃
--Temp Fluctuation	±0.5℃
--Temp Uniformity	±1℃
Construction	
--Inner Chamber	Mirror stainless steel plate
--Outer Shell	Cold-rolled steel plate, surface electrostatic spraying
--Insulation Layer	Polyurethane
--Heater	Stainless steel electric tube
--Power Rating	1.2kW
--Compressor	Variable frequency air-cooled hermetic compressor
--Cryogen	R134a
--Defrost structure	Smart defrost
--Test Hole	Inner diameter 43mm
--Controlled External Power Supply	One external universal socket and one built-in waterproof socket
Controller	
--Temp Control Mode	Intelligent fuzzy PID
--Temp Setting Mode	Touch Type Key Setting
--Temp Display Mode	The LCD screen displays the parameters
--Timer	The period ranges from 0 to 99, and a maximum of 30 programs can be set. The setting range for each period of time is 0 to 9999 hours/minute
--Operation Function	Single segment run, program run
--Sensor	Pt100
--Additional Function	LED lighting, deviation correction, menu key lock, power failure parameter memory
Safety Device	Over temperature alarm, electronic temperature limiter, loop self-diagnosis
Specification	
--Inner chamber Size(W*L*H mm)	500*600*840

--Exterior Size(W*L*H mm)	760*760*1530
--Packing Size(W*L*H mm)	878*865*1698
--Volume	250L
--Load Per Rack	15kg
--Shelf Number	12
--Shelf Space	35mm
--Supply (50/60Hz) Current Rating	AC220V/5.5A
--NW/GW (kg)	100/139
Accessory	
--Shelf	4
--Shelf Frame	2
Optional Accessories	Separator, RS485 interface, printer, WIFI module can realize remote mobile APP control
Alt Name	Compressor-Cooled Incubators (Inverter Compressor)

FEATURES

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APPLICATIONS

A variety of constant temperature experiments and environmental tests, water analysis, BOD/ bacteria and mold microbial culture, plant breeding and cultivation, sample preservation.



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