



COOLED INCUBATOR BER1CZ1

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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 | BER1CZ1 |
| 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 | 0.8kW |
| --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) | 420*350*500 |

| | |
|-----------------------------------|--|
| --Exterior Size(W*L*H mm) | 580*610*1190 |
| --Packing Size(W*L*H mm) | 698*706*1358 |
| --Volume | 70L |
| --Load Per Rack | 15kg |
| --Shelf Number | 9 |
| --Shelf Space | 35mm |
| --Supply (50/60Hz) Current Rating | AC220V/2.3A |
| --NW/GW (kg) | 69/92 |
| 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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