



## BOD INCUBATOR BER1V4

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COOLING INCUBATOR/REFRIGERATED INCUBATOR/ BOD INCUBATOR



1. Unique internal wind circulation structure design, breeze circulate fan make inner chamber temperature uniformity.
  2. Double door seal; tempered glass silicon rubber seal inner door and magnetic rubber seal outer door, which are convenient to on/off; inner chamber with light for convenient observation. .
  3. Intelligent defrosting function ensure device long-time run without frost.
  4. Fluoride-free refrigeration and gentle breeze circulation.
  5. Test hole of  $\Phi 52\text{mm}$  at left side of container.
- BX model additional characteristics:
1. LCD scree 30-stage program controller,round move,ladder operating.
  2. Sensor failure alarm

## SPECIFICATIONS

| Model                              | BER1V4                                                                   |
|------------------------------------|--------------------------------------------------------------------------|
| Cycle Mode                         | Forced Convection                                                        |
| Function                           |                                                                          |
| --Temp. Range                      | 0-65°C                                                                   |
| --Temp. Resolution Ratio           | 0.1°C                                                                    |
| --Temp. Motion                     | High Temp: $\pm 0.5^\circ\text{C}$ , Low Temp: $\pm 1^\circ\text{C}$     |
| --Temp. Uniformity                 | $\pm 1.5^\circ\text{C}$                                                  |
| Structure                          |                                                                          |
| --Inner Chamber                    | Mirror Stainless Steel                                                   |
| --Outer Shell                      | Cold rolling steel electrostatic spraying exterior                       |
| --Insulation Layer                 | Polyurethane                                                             |
| --Heater                           | Stainless steel heater                                                   |
| --Power Rating                     | 0.8kW                                                                    |
| --Compressor                       | Air cooled hermetic compressor                                           |
| --Cryogen                          | R134a                                                                    |
| --Defrost Structure                | Automatic control intelligent defrosting                                 |
| --Test Hole                        | Inner diameter 43mm (one)                                                |
| --Controlled External Power Supply | Outer universal socket (one), inner waterproof socket (one)              |
| --Temp. Control Mode               | 30-stage LCD program                                                     |
| --Temp. Setting Mode               | Touch button setting                                                     |
| --Temp. Display Mode               | Measuring temperature: LCD upper row; Setting temperature: LCD lower row |
| --Timer                            | 0-99.9h*30 segment (with timing wait function)                           |
| --Operation Function               | Program operation                                                        |
| --Sensor                           | PT100                                                                    |
| --Additional Function              | Loop self-diagnosis, sensor fault alarm                                  |
| Safety Device                      | Over temperature alarm                                                   |
| Specification                      |                                                                          |
| --Inner Chamber Size (W*L*H)(mm)   | 415*350*500                                                              |
| --Exterior Size (W*L*H)(mm)        | 571*591*1051                                                             |
| --Packing Size (W*L*H)(mm)         | 680*676*1235                                                             |

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| --Volume                      | 70L                                                                                                 |
| --Load Per Rack               | 15kg                                                                                                |
| --Shelf Number                | 5                                                                                                   |
| --Shelf Space                 | 60mm                                                                                                |
| --Power Supply Current Rating | AC220V/2.3A                                                                                         |
| --NW/GW (kg)                  | 69/92                                                                                               |
| Accessory                     |                                                                                                     |
| --Shelf                       | 2                                                                                                   |
| --Shelf Frame                 | 4                                                                                                   |
| Optional Accessories          | Shelf, RS485 port, printer, recorder, Remote Control, wireless messaging alarm, U-Disk data storage |
| Alt Name                      | Cooling Incubator/Refrigerated Incubator/ Bod Incubator                                             |



## APPLICATIONS

Various constant temperature experiments and environmental tests at 0~65C, water analysis, microbe culture of BOD / bacteria, plant breeding, and sample preservation.



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