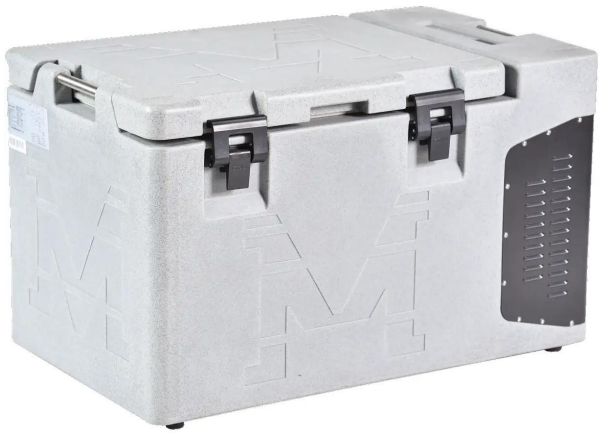
BioLAB

PRODUCT CATALOG



# BIOSAFETY TRANSPORT BOX BEZ1BC1 (BTBT-202)

CE ISO9001 CERTIFIED

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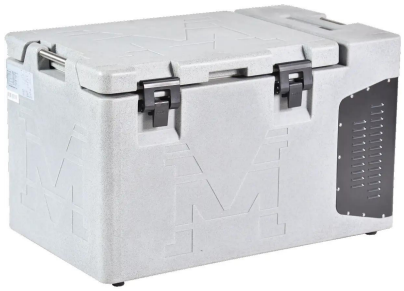
# BIOSAFETY TRANSPORT BOX BEZ1BC1

-25°C BIOMEDICAL PORTABLE COOLER



Accurate microprocessor controller especially for biomedical use and resolution of 0.1°C.
Suggested ambient temperature: +10~32°C.
Integrated and strong PE body to resist impact and corrosion.
High-efficiency air cooling system to ensure good temperature uniformity.
Auto switch cooling and heating system to ensure the inside temperature in all climatic conditions.
Wide voltage design, able to be used when the voltage is between 220V±10% AC and 12V DC.
Security
Standard protective basket to prevent the samples from being frozen off by the evaporator.

## SPECIFICATIONS

| Model | BEZ1BC1 |
|---|---|
| Old Model | BTBT-202 |
| Temperature Range | -25 ~ +30°C |
| Ambient Temperature | 10~32°C |
| Capacity (L / Cu. Ft.) | 80 / 2.83 |
| Interior Dimensions (WxDxH) mm | 547x378x370 |
| Exterior Dimensions (WxDxH) mm | 937x565x581 |
| Weight | 47 kgs |
| Noise | 46 dB |
| Controller | Microprocessor |
| Display | Digital |
| Sensor | NTC |
| Voltage and Frequency | AC 220V±10%, 50/60Hz; DC 12V |
| Power | 100 W |
| Electric Current | DC 8 A |
| Power Consumption (kWh/24h) | 1.6 |
| High / Low Temp. Alarm | Yes |
| Power Failure Alarm | Yes, 8h |
| Sensor Error Alarm | Yes |
| Controller Error Alarm | Yes |
| Refrigeration Type | Forced-air Cooling |
| Defrost | Manual |
| Compressor (Brand/pcs) | Chinese Brand / 1 |
| Refrigerant / Weight | R134a / 65g |
| Door (pcs) | PE Foamed Solid Door / 1 |
| Interior Cabinet Material | PE |
| Exterior Cabinet Material | PE |
| Insulation Material | PURF (δ80mm) |
| Remote Alarm Port | Optional |
| Temperature Datalogger | Optional |
| Package | Carton box |
| Shipping Weight | 55 kgs |
| Shipping Size (WxDxH) mm | 1000x640x640 |

| | |
|---|---|
| Shipping Volume | 0.41 CBM |
| Alt Name | -25°C Biomedical Portable Cooler |

## FEATURES

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Auto switch cooling and heating system to ensure the inside temperature in all climatic conditions.
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Security
Standard protective basket to prevent the samples from being frozen off by the evaporator.
Built-in backup battery to power the controller and save temp. data when power failure or system error.
Visual and audible alarm system.
Power failure protection: turn-on delay of the cooling system after power failure.
Controller error protection: The cooling system will remember the normal working cycle and keep working depending on this memory when the controller or two sensors fail.

## APPLICATIONS

Biomedical portable coolers are specially designed to store and transport blood, serum, plasma, vaccines, reagents, and special medicines for epidemic prevention stations, blood banks, health centers, CDC, animal husbandry bureau, army, and pharmaceutical companies.

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