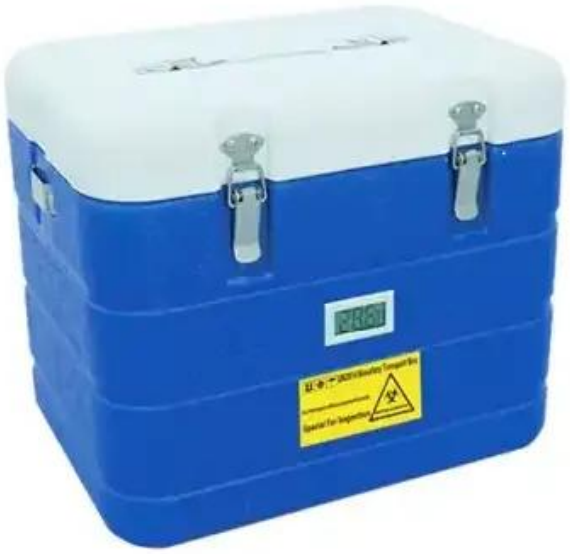
BioLAB

PRODUCT CATALOG



BIOSAFETY TRANSPORT BOX

CE ISO9001 CERTIFIED

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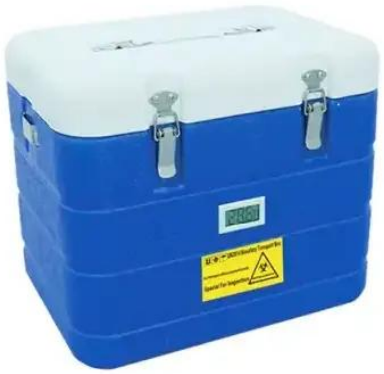
BIOSAFETY TRANSPORT BOX BEM2S1 TO BEM2S9

BIOSAFETY TRANSPORT BOX



1. Real time temperature value display
2. Refrigeration and temperature control to ensure the consistency of samples
3. Easy to operate and could be used repeatedly
4. Meet the basic requirements of cold chain transportation and storage of vaccines

SPECIFICATIONS

Model	BEM2S1	BEM2S2	BEM2S3	BEM2S4
Old Model	BTBT-101	BTBT-102	BTBT-103	BTBT-104
Capacity	6L	8L	12L	15L
Internal & External Materials	PP+PE			
Insulation Material	PU			
Temp. Resolution	0.1℃			
Manufacturing Process	Blow molding + injection molding, burr-free surface			
Cooling Source Material	Sodium polyacrylate			
Cooling Retention Time	Maintains an internal temperature of 2~8℃ for over 24 hours at an ambient temperature up to 43℃			
Sponge Test Tube Holder	Standard: 20 holes, compatible with 10ml test tubes; Optional: 11 holes, compatible with 20ml test tubes			
Configuration	Box*1, phase-change ice box(400ml)*4, absorbent cotton*1, shoulder strap*1, digital thermometer*1, sponge test tube holder*1	Box*1, phase-change ice box(400ml)*4, absorbent cotton*2, digital thermometer*1, sponge test tube holder*2, 95KPa biosafety transport tank*2	Box*1, phase-change ice box(400ml)*6, absorbent cotton*2, shoulder strap*1, tray*1, digital thermometer*1, sponge test tube holder*2, 95KPa biosafety transport tank*2	Box*1, phase-change ice box(400ml)*6, absorbent cotton*3, shoulder strap*1, tray*1, digital thermometer*1, sponge test tube holder*3, 95KPa biosafety transport tank*3
Internal Size(W*D*H)	240*145*180mm	295*167*168mm	325*170*225mm	363*203*244mm
External Size(W*D*H)	330*235*275mm	335*225*205mm	425*262*305mm	460*355*360mm
Package Size(W*D*H)	380*270*300mm	460*340*340mm		460*355*360mm
Net Weight	2.5kg	2.2kg	4kg	4.3kg
Gross Weight	3.2kg	4.5kg	4.8kg	
Alt Name	Biosafety Transport Box			

Model	BEM2S5	BEM2S6	BEM2S7	BEM2S8	BEM2S9
Old Model	BTBT-105	BTBT-106	BTBT-107	BTBT-108	BTBT-109
Capacity	20L	33L	55L	65L	85L

Internal & External Materials	PP+PE				
Insulation Material	PU				
Temp. Resolution	0.1℃				
Manufacturing Process	Blow molding + injection molding, burr-free surface				
Cooling Source Material	Sodium polyacrylate				
Cooling Retention Time	Maintains an internal temperature of 2~8℃ for over 24 hours at an ambient temperature up to 43℃				
Sponge Test Tube Holder	Standard: 20 holes, compatible with 10ml test tubes; Optional: 11 holes, compatible with 20ml test tubes				
Configuration	Box*1, phase-change ice box(400ml)*9, shoulder strap*1, absorbent cotton*4, digital thermometer*1, tray*1, divider panel*1, sponge test tube holder*4, 95KPa biosafety transport tank*4	Box*1, phase-change ice box(400ml)*11, absorbent cotton*5, digital thermometer*1, sponge test tube holder*5, 95KPa biosafety transport tank*5	Box*1, phase-change ice box(400ml)*11, absorbent cotton*8, digital thermometer*1, sponge test tube holder*8, 95KPa biosafety transport tank*8	Box*1, phase-change ice box(400ml)*15, absorbent cotton*12, digital thermometer*1, sponge test tube holder*12, 95KPa biosafety transport tank*12	Box*1, phase-change ice box(400ml)*15, absorbent cotton*20, digital thermometer*1, sponge test tube holder*20, 95KPa biosafety transport tank*20
Internal Size(W*D*H)	380*245*230mm	480*250*290mm	590*335*320mm	540*425*315mm	580*465*320mm
External Size(W*D*H)	450*330*300mm	570*310*360mm	640*395*395mm	620*485*375mm	640*520*375mm
Package Size(W*D*H)	580*320*380mm	585*325*390mm	670*430*430mm	640*505*395mm	650*540*400mm
Net Weight	4.8kg	5.5kg	8.3kg	9.8kg	13kg
Gross Weight	5.5kg	6.5kg	9.3kg	11kg	14.3kg
Alt Name	Biosafety Transport Box				

BEM2S1

BEM2S2

BEM2S3 BEM2S4 BEM2S6

BEM2S5

BEM2S7

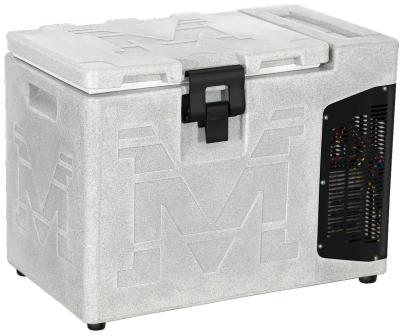
BEM2S8 BEM2S9

APPLICATIONS

It can be used for the transportation of biological products requiring physical insulation, such as un2814, un2900, un3373 biological samples, pathogenic microorganism(virus) species, blood, etc.

BIOSAFETY TRANSPORT BOX BEZ1BB1

-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	BEZ1BB1
Old Model	BTBT-201
Temperature Range	-25 ~ +30°C
Ambient Temperature	10~32°C
Capacity (L / Cu. Ft.)	30 / 1.06
Interior Dimensions (WxDxH) mm	364x253x353
Exterior Dimensions (WxDxH) mm	615x370x472
Weight	22 kgs
Noise	45 dB
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	AC 220V±10%, 50/60Hz; DC 12V
Power	80 W
Electric Current	DC 6.5 A
Power Consumption (kWh/24h)	1.2
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 / 68g
Door (pcs)	PE Foamed Solid Door / 1
Interior Cabinet Material	PE
Exterior Cabinet Material	PE
Insulation Material	PURF (δ55mm)

Remote Alarm Port	Optional
Temperature Datalogger	Optional
Package	Carton box
Shipping Weight	26 kgs
Shipping Size (WxDxH) mm	670x440x540
Shipping Volume	0.16 CBM
Alt Name	-25°C Biomedical Portable Cooler

FEATURES

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.
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.

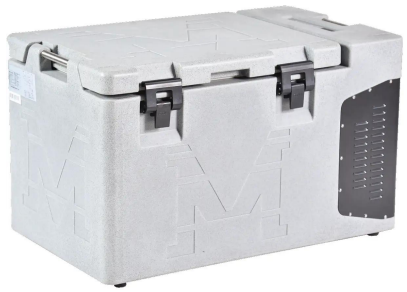
Humanized design
Different power ports for AC/DC connection to avoid wrong operation.
Stack-able, friendly for space-limited place.

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.

BIOSAFETY TRANSPORT BOX BEZ1BC1

-25°C BIOMEDICAL PORTABLE COOLER



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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℃
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℃ Biomedical Portable Cooler

FEATURES

Accurate microprocessor controller especially for biomedical use and resolution of 0.1℃.
Suggested ambient temperature: +10~32℃.
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.
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APPLICATIONS

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