



## PORTABLE MEDICAL COLD BOX

## PORTABLE MEDICAL COLD BOX BPOR-100 TO BPOR-108

### PORTABLE REFRIGERATOR

The Portable Refrigerator is a versatile cooling solution designed for travel, camping, medical, and laboratory use, providing precise and reliable temperature control in a compact, durable design. Ideal for storing vaccines, food, and other temperature-sensitive items, this refrigerator combines portability with energy efficiency to ensure stable cooling in any environment.



### SPECIFICATIONS

| Model                       | BPOR-100                                                                                          | BPOR-101                                                             | BPOR-102                                                                                       | BPOR-103      |
|-----------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------|
| Capacity                    | 6L                                                                                                | 8L                                                                   | 12L                                                                                            | 15L           |
| Temperature Range           | 2~8°C                                                                                             |                                                                      |                                                                                                |               |
| Internal&External Materials | PP+PE                                                                                             |                                                                      |                                                                                                |               |
| Insulation Material         | PU                                                                                                |                                                                      |                                                                                                |               |
| Temp. Resolution            | 0.1°C                                                                                             |                                                                      |                                                                                                |               |
| Manufacturing Process       | Blow molding+injection molding, burr-free surface                                                 |                                                                      |                                                                                                |               |
| Cooling Source Material     | Sodium polyacrylate                                                                               |                                                                      |                                                                                                |               |
| Cooling Retention Time      | Maintains an internal temperature of 2~8°C for over 24 hours at an ambient temperature up to 43°C |                                                                      |                                                                                                |               |
| Configuration               | Refrigerator*1, phase-change ice box(400ml)*4, digital thermometer*1, shoulder strap*1            | Refrigerator*1, phase-change ice box(400ml)*4, digital thermometer*1 | Refrigerator*1, phase-change ice box(400ml)*6, digital thermometer*1, shoulder strap*1, tray*1 |               |
| 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                                                                                  |               |
| Package Size(W*D*H)         | 380*270*300mm                                                                                     |                                                                      | 460*355*360mm                                                                                  |               |
| Net Weight                  | 2.25kg                                                                                            | 2kg                                                                  | 3.5kg                                                                                          | 3.7kg         |
| Gross Weight                | 2.7kg                                                                                             | 2.4kg                                                                | 4kg                                                                                            | 4.3kg         |
| Alt Name                    | Portable Refrigerator                                                                             |                                                                      |                                                                                                |               |

  

| Model                       | BPOR-104                                          | BPOR-105 | BPOR-106 | BPOR-107 | BPOR-108 |
|-----------------------------|---------------------------------------------------|----------|----------|----------|----------|
| Capacity                    | 20L                                               | 33L      | 55L      | 65L      | 85L      |
| Temperature Range           | 2~8°C                                             |          |          |          |          |
| Internal&External Materials | PP+PE                                             |          |          |          |          |
| Insulation Material         | PU                                                |          |          |          |          |
| Temp. Resolution            | 0.1°C                                             |          |          |          |          |
| Manufacturing Process       | Blow molding+injection molding, burr-free surface |          |          |          |          |
| Cooling Source Material     | Sodium polyacrylate                               |          |          |          |          |

|                        |                                                                                                                 |                                                                       |               |                                                                       |               |
|------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------|-----------------------------------------------------------------------|---------------|
| Cooling Retention Time | Maintains an internal temperature of 2~8°C for over 24 hours at an ambient temperature up to 43°C               |                                                                       |               |                                                                       |               |
| Configuration          | Refrigerator*1, phase-change ice box(400ml)*9, digital thermometer*1, shoulder strap*1, tray*1, divider panel*1 | Refrigerator*1, phase-change ice box(400ml)*12, digital thermometer*1 |               | Refrigerator*1, phase-change ice box(400ml)*15, digital thermometer*1 |               |
| 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)    | 490*360*340mm                                                                                                   | 585*325*390mm                                                         | 670*430*430mm | 640*505*395mm                                                         | 650*540*400mm |
| Net Weight             | 3.8kg                                                                                                           | 4.5kg                                                                 | 6.3kg         | 7.3kg                                                                 | 8kg           |
| Gross Weight           | 4.5kg                                                                                                           | 5.25kg                                                                | 7.3kg         | 8kg                                                                   | 9.3kg         |
| Alt Name               | Portable Refrigerator                                                                                           |                                                                       |               |                                                                       |               |



BPOR-100



BPOR-101



BPOR-102 BPOR-103 BPOR-105



BPOR-104



BPOR-106



BPOR-107 BPOR-108

## PORTABLE MEDICAL COLD BOX BTBT-101 TO BTBT-109

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                         | BTBT-101                                                                                                                     |                                                                                                                                              | BTBT-102                                                                                                                                                               | BTBT-103                                                                                                                                                               | BTBT-104      |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Capacity                      | 6L                                                                                                                           |                                                                                                                                              | 8L                                                                                                                                                                     | 12L                                                                                                                                                                    | 15L           |
| Temperature Range             | 2~8℃                                                                                                                         |                                                                                                                                              |                                                                                                                                                                        |                                                                                                                                                                        |               |
| 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                         | BTBT-105                                                                                                 |  | BTBT-106 | BTBT-107 | BTBT-108 | BTBT-109 |
|-------------------------------|----------------------------------------------------------------------------------------------------------|--|----------|----------|----------|----------|
| Capacity                      | 20L                                                                                                      |  | 33L      | 55L      | 65L      | 85L      |
| Temperature Range             | 2~8℃                                                                                                     |  |          |          |          |          |
| 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                                                                                                                                                                 |                                                                                                                                               |                                                                                                                                               |                                                                                                                                                  |                                                                                                                                                  |



BTBT-101



BTBT-102



BTBT-103 BTBT-104 BTBT-106



BTBT-105



BTBT-107



BTBT-108 BTBT-109

## 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.



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