

# PRODUCT CATALOG



-60°C FREEZER





# -60°C FREEZER BEZ1R1

### -60°C ULTRA LOW TEMPERATURE CHEST FREEZER



Accurate temperature controller, setting temperature range is -25  $^{\sim}$  -60ŰC, accuracy is 0.1 ŰC.

Suggested ambient temperature: +10~32°C.

Stainless Steel inner chamber for friendly use and easy cleaning.

Brand compressor to ensure excellent stability of the cooling system.

Patented refrigeration technology, high-efficiency mixed gas for the cooling system.

Security

Safety door lock to prevent unauthorized access.

Visual and audible alarm system: High/low temperature, sensor failure, controller error.

Power failure protection: turn-on delay of the cooling system after power failur

### **SPECIFICATIONS**

| Model                          | BEZ1R1                |
|--------------------------------|-----------------------|
| Old Model                      | BFRZ-60-101           |
| Temperature Range              | -25~ -60°C            |
| Ambient Temperature            | 10~32°C               |
| Capacity (L / Cu. Ft.)         | 105 / 3.71            |
| Interior Dimensions (WxDxH) mm | 480x380x665           |
| Exterior Dimensions (WxDxH) mm | 680x580x935           |
| Weight                         | 65 kgs                |
| Noise                          | 53 dB                 |
| Controller                     | Microprocessor        |
| Display                        | Digital               |
| Sensor                         | NTC                   |
| Voltage and Frequency          | 220V±10%, 50/60Hz     |
| Power                          | 380W                  |
| Electric Current               | 2.36 A                |
| Power Consumption (kWh/24h)    | 3.17                  |
| High / Low Temp. Alarm         | Yes                   |
| Sensor Error Alarm             | Yes                   |
| Controller Error Alarm         | Yes                   |
| Refrigeration Type             | Direct-cooling        |
| Defrost                        | Manual                |
| Compressor (pcs)               | CUBIGEL / 1           |
| Refrigerant (weight)           | R4001 / 170g          |
| Door (pcs)                     | Foamed Solid Door / 1 |
| Interior Cabinet Material      | Stainless Steel       |
| Exterior Cabinet Material      | Coated Steel          |
| Insulation Material            | PURF (δ100mm)         |
| Test Hole (pcs)                | 1                     |
| Castors (pcs)                  | 4                     |
| Temperature Datalogger         | Optional              |
| Protective Gloves              | Optional              |

| Package                  | Carton box with pallet                    |
|--------------------------|---|
| Shipping Weight          | 73 kgs                                    |
| Shipping Size (WxDxH) mm | 760x740x1050                              |
| Shipping Volume          | 0.59 CBM                                  |
| Alt Name                 | -60°C Ultra Low Temperature Chest Freezer |





### **FEATURES**

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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 failed.

### Humanized design

Casters with stoppers for easy moving and fixation.

Special-designed service-free drainage system.

### **APPLICATIONS**

The -60°C ultra-low temperature freezers are designed for the long-term preservation of viruses, germs, vaccines, biological tissues and organs, special food, medicines, reagents, etc.

# -60°C FREEZER BEZ1S1

-60°C ULTRA LOW TEMPERATURE CHEST FREEZER



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# **SPECIFICATIONS**

| Model                          | BEZ1S1                                    |
|--------------------------------|---|
| Old Model                      | BFRZ-60-102                               |
| Temperature Range              | -25~ -60°C                                |
| Ambient Temperature            | 10~32°C                                   |
| Capacity (L / Cu. Ft.)         | 485 / 17.13                               |
| Interior Dimensions (WxDxH) mm | 1455x525x665                              |
| Exterior Dimensions (WxDxH) mm | 1670x810x930                              |
| Weight                         | 124 kgs                                   |
| Noise                          | 53 dB                                     |
| Controller                     | Microprocessor                            |
| Display                        | Digital                                   |
| Sensor                         | PTC                                       |
| Voltage and Frequency          | 220V±10%, 50/60Hz                         |
| Power                          | 600W                                      |
| Electric Current               | 3.44 A                                    |
| Power Consumption (kWh/24h)    | 7.45                                      |
| High / Low Temp. Alarm         | Yes                                       |
| Sensor Error Alarm             | Yes                                       |
| Controller Error Alarm         | Yes                                       |
| Refrigeration Type             | Direct Cooling                            |
| Defrost                        | Manual                                    |
| Compressor (Brand/pcs)         | CUBIGEL / 1                               |
| Refrigerant / Weight           | R4001 / 320g                              |
| Door (pcs)                     | Foamed Solid Door / 1                     |
| Interior Cabinet Material      | Stainless Steel                           |
| Exterior Cabinet Material      | Coated Steel                              |
| Insulation Material            | PURF (100mm)                              |
| Door Lock                      | Yes                                       |
| Test Hole (pcs)                | 1   |
| Leveling Castors (pcs)         | 4   |
| Temperature Datalogger         | Optional                                  |
| Protective Gloves              | Optional                                  |
| Package                        | Carton box with pallet                    |
| Shipping Weight                | 149 kgs                                   |
| Shipping Size (WxDxH) mm       | 1750x880x1040                             |
| Shipping Volume                | 1.6 CBM                                   |
| Alt Name                       | -60°C Ultra Low Temperature Chest Freezer |





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## Biolab Scientific Ltd.