



## LABORATORY REFRIGERATOR BEZ1CK1

# LABORATORY REFRIGERATOR BEZ1CK1

## LABORATORY REFRIGERATOR



Microprocessor control, ensure the inside temperature is within 2~8°C, accuracy is 0.1°C

Suggested ambient temperature: +10~32°C.

Specially designed forced-air cooling system, ensures frost-free cabinet and good temperature uniformity.

Wide available voltage range: 220V±10%.

Security

Safety door lock and controller password to prevent unauthorized access.

8h 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 failur

## SPECIFICATIONS

|                                |                        |
|--------------------------------|------------------------|
| Model                          | BEZ1CK1                |
| Temperature Range              | 2~8°C                  |
| Ambient Temperature            | 10~32°C                |
| Capacity (L/Cu.Ft.)            | 312 / 11.02            |
| Interior Dimensions (WxDxH) mm | 560x485x1350           |
| Exterior Dimensions (WxDxH) mm | 650x624x1902           |
| Weight                         | 86 kgs                 |
| Noise                          | 50 dB                  |
| Controller                     | Microprocessor         |
| Display                        | Digital                |
| Sensor                         | NTC                    |
| Voltage and Frequency          | 220V±10%, 50/60Hz      |
| Power                          | 312 W                  |
| Electric Current               | 1.64 A                 |
| Power Consumption (kWh/24h)    | 3.63                   |
| High / Low Temp. Alarm         | Yes                    |
| Power Failure Alarm            | Yes, 8h                |
| Sensor Error Alarm             | Yes                    |
| Controller Error Alarm         | Yes                    |
| Door Ajar Alarm                | Yes                    |
| Refrigeration Type             | Forced-air Cooling     |
| Defrost                        | Auto                   |
| Compressor (Brand/pcs)         | Chinese Brand / 1      |
| Refrigerant / Weight           | R290 / 100g            |
| Door (pcs)                     | Heating Glass Door / 1 |
| Adjustable Shelf (pcs)         | 5                      |
| Interior Cabinet Material      | ABS                    |
| Exterior Cabinet Material      | Coated Steel           |
| Insulation Material            | PURF (δ 45mm)          |
| Door Lock                      | Yes                    |
| LED Lamp                       | Yes                    |

|                               |                         |
|-------------------------------|-------------------------|
| Test Hole (pcs)               | 1                       |
| Castors / Leveling Feet (pcs) | 4 / 2                   |
| Remote Alarm Port             | Yes                     |
| USB Data Download Port        | Optional                |
| RS485 Port                    | Optional                |
| Temperature Datalogger        | Optional                |
| Temperature Printer           | Optional                |
| Package                       | Carton box with pallet  |
| Shipping Weight               | 90 kgs                  |
| Shipping Size (WxDxH)         | 720x690x1980            |
| Shipping Volume               | 0.98 CBM                |
| Alt Name                      | Laboratory Refrigerator |

## FEATURES

Microprocessor control, ensure the inside temperature is within 2~8°C, accuracy is 0.1°C

Suggested ambient temperature: +10~32°C.

Specially designed forced-air cooling system, ensures frost-free cabinet and good temperature uniformity.

Wide available voltage range: 220V±10%.

### Security

Safety door lock and controller password to prevent unauthorized access.

8h 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 failed.

### Humanized design

Special designed service-free drainage system, ensure no water in the cabinet.

Adjustable shelves for easy storage.

Castors with stoppers for easy moving and fixation.

Auto on/off LED light with manual switch on the control panel.

Auto on/off cooling fan to prevent cold air from leaking out when the door is opening.



## APPLICATIONS

2~8°C biomedical refrigerators are specially designed to store medicines, vaccines, reagents, and bio-medical products.



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)