



## **SB10B**

Laboratory freezers -25°C -30°C  
from 100 to 1400 lt. > Capacity 100 lt



### **Undercounter Model SB10B (-22°C)**

Capacity 100LT

#### **Structure**

External structure in hot-dip galvanized steel, anti-corrosion treated and PVC film coated.  
Scotch-brite stainless steel internal structure.

#### **Insulation**

60 mm of insulation obtained by injection of high density polyurethane CFC-free foam for excellent product preservation and best energy saving

**Door**

Self-closing solid door, with folding magnetic gasket on four sides for perfect closing. Right hand opening or left hand on request. Lock with key.

**Internal fittings**

Standard equipped with either 2 scotch-brite stainless steel shelves, removable and adjustable in height or 2 scotch-brite stainless steel drawers, adjustable in height, with telescopic ball-bearing slides and plexiglas frontal side.

**Temperature range**

Setting between -10°C and -25°C. Factory preset to -22°C. Digital adjustable with an increment of 0.1°C.

**Refrigeration system**

Completely sealed, silent and highly efficient hermetic compressor and ventilated air condenser (suitable also for tropical countries). Internal static evaporator. CFC-free R452a refrigerant gas. CFC/HCFC-free R290 refrigerant gas for European countries.

**Defrosting**

Manual defrosting cycle.

**Capacity**

100 litres

**Voltage**

230V/50 Hz (on request 230V/60 Hz, 115V/60 Hz)

**Absorption**

185 Watt

**Gas**

CFC-free R452a refrigerant gas. CFC/HCFC-free R290 refrigerant gas for European countries.

**Control panel and alarms**

Alternatively available:

LGK-2 digital control panel

<https://www.frimed.it/en/control-panel.html#lk-2>

TP-1 full touch control panel

<https://www.frimed.it/en/control-panel.html#tp-1>

**Data logger**

To record temperatures and alarms. Download data on USB pen drive.

### **Standard**

- 2 scotch-brite stainless steel shelves or drawers
- Four one way wheels with stabilizing adjustable feet
- Door lock with key
- Power cord with Schüko type plug or British type plug
- Protection fuses (on power switch and electronic mainboard)
- RFI filter
- Password protected power switch and settings
- Electronic control panel with alarm system
- Remote contact (dry, volt-free) for alarm
- Data logger with USB port to download readings and data
- Memory of latest alarms visible on screen

### **Optional accessories**

- Internal dividers for drawers
- Additional shelf
- Smooth shelf with borders
- Castors with two frontal brakes
- Weekly temperature chart recorder working with 1,5 V battery, equipped with 52 disks and a pen
- 12V back-up battery (LGK-2) or rechargeable batteries (TP-1 full touch) supplying energy to control panel in order to generate alarms in case of power failure
- GSM module to send SMS alarm messages to mobile phones, showing date, time, cabinet temperature and type of alarm (LGK-2)
- LAN Port to connect the appliance via ethernet on PC to monitor correct functioning (LGK-2)
- Cloud system (TP-1 full touch)
- Test hole (Ø 25 mm) for external user sensor
- Electric digital key lock (TP-1 full touch)
- Power supply 115V/60Hz

### **External dimensions and unit net weight**

600x600x860 (wxdxh-mm)-kg. 66

### **Dimensions of packaging and shipping weight**

- carton box on pallet: 700x700x1030 (wxdxh-mm)-kg. 73
- wooden crate (option on request): 740x740x1150 (wxdxh-mm)-kg. 95

### **Equipment in accordance with:**

Low voltage Directive 2014/35/UE, Electromagnetic Compatibility Directive 2014/30/UE

*The picture doesn't necessarily show the product in its standard version.*

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