



## PN52

Laboratory and pharmacy refrigerators  
+2° + 12° C from 100 to 1570 lt. > Capacity 520 lt



### PN52 Model

#### 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.

**Light**

LED light (energy saving up to 70%) with automatic switch at door opening. Manual switch on control panel.

**Shelves**

4 scotch-brite stainless steel shelves, removable and adjustable in height.

**Temperature range**

Setting between +2°C and +12°C. Factory preset to +4°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 ventilated evaporator. Forced-air cooling system conceived to achieve maximum temperature uniformity and stability inside the refrigerator even in case of frequent door openings. Evaporator fan shuts off during door openings. CFC-free R452a refrigerant gas. CFC/HCFC-free R290 refrigerant gas for European countries.

**Defrosting**

Completely sealed, silent and highly efficient hermetic compressor and ventilated air condenser (suitable also for tropical countries). Internal ventilated evaporator. Forced-air cooling system conceived to achieve maximum temperature uniformity and stability inside the refrigerator even in case of frequent door openings. Evaporator fan shuts off during door openings. CFC-free refrigerant R452a. On request CFC/HCFC-free natural refrigerant R290.

**Capacity**

520 litres

**Voltage**

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

**Absorption**

274 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**

- 4 shelves
- Four one way wheels with stabilizing adjustable feet
- Lock with key
- Power cord with Schüko type plug (or British plug on request)
- 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 records and data
- Memory of latest alarms visible on screen

### **Optional accessories**

- Sliding drawers (up to 6) in scotch-brite stainless steel, with see-through frontal side and telescopic ball-bearings slides
- 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 display temperature and 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)
- Independent Safety thermostat (DIN 13277 conformity)
- 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**

700x800x2040 (wxdxh-mm)-kg. 134

**Dimensions of packaging and shipping weight**

-carton box on pallet: 750x850x2180 (wxdxh-mm)-kg. 149

-wooden crate (option on request): 960x840x2260 (wxdxh-mm)-kg. 206

**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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