



TECNILABO

HS Code: 84185090

KBPR 180C NGX

Under-the-bench Laboratory /Pharmacy Refrigerator +5°C

Intended Use Storage of vaccines / pharmaceuticals / bacterial cultures / samples in health care centers, pharmacies and laboratories

Technical Features

Nominal / Net Storage Volume	150 lt (5,30 cu ft) / 130 lt (4,60 cu ft)
Temperature Range	+2°C/+10°C
Factory Set Point	+5°C
Temperature Uniformity	± 3°C
Temperature Stability	± 1°C
Ambient Operating Temperature	+10°C/+38°C, 50% RH (N-ST Climate Class)
Noise Level	< 39 dBA

Power Supply	220-240V / 50Hz
Standard Electrical Plug	Schuko
Power Absorption	0,7 A
Daily Energy Consumption	0,37 kWh/24h (with +20°C ambient temperature)

External Dimensions	W 598 x D 620 x H 838 mm W 23,54 x D 24,40 x H 33,00 inch.
Internal Dimensions	W 477 x D 443 x H 652 mm W 18,78 x D 17,44 x H 25,67 inch.
Weight	40 kg

Packing Dimensions	Carton Box + Pallet: W 750 x D 750 x H 1000 mm, 45 kg Wooden Cage: W 850 x D 850 x H 1400 mm, 70 kg
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External Surface	Anti-corrosion hot-dip galvanized steel sheet, covered with PVC film
Internal Surface	AISI 304 18/10 stainless steel
External/Internal Edges	Rounded for easy and optimal cleaning
Insulation Type	High-density CFC-free PUR foam
Insulation Thickness	50 mm on sides / 50 mm rear
Door Type	Solid with ergonomic handle and key-lock system
Door Sealing	Magnetic silicone gasket placed all over the door's frame
Lighting	LED light (external ON/OFF switch)

Standard Configuration	- n°3 wire shelves made in PVC-coated steel, adjustable in height - n°2 rear rollers + n°2 front leveling feet - Porthole (Ø 25 mm) for inserting probes connected to external monitoring system/BMS - Backup battery with self-charging circuit (24 hours autonomy in case of power failure) - Volt-free dry contacts (NC-NO) for remote alarms connection to an independent alarm monitoring system / BMS
Max Shelves / Drawers	4 / 3 (or a mix of them)

Cooling System

Cooling	Forced-air cooling, with automatic shut-off of the evaporator fan during door opening
Compressor	Fully sealed hermetic compressor with thermal protector
Refrigerant (CFC/HCFC free)	R600a (gr. 45)
Defrost System	Fully automatic with evaporation of condensation water

NG Control System

Controller	Microprocessor Controller
Display	LED display, with 0.1°C resolution
Temperature Probes	n°2 NTC probes (for control and monitoring)
Access Control	PIN code protection for access to the user/service menu
Connectivity	USB port / RS485 serial port
Features	- Data logger function with automatic recording of temperatures and alarms data - Flash memory with a capacity of about 35500 T/events records - Power failure
Main Alarms List (Audio/visual notification)	- Door open (the alarm interval can be freely set by the user) - High/Low temperature (alarm limits can be set freely by the user) - Temperature probes failure - Back-up battery failure / low charge

Accessories Available On Request

Voltage stabilizer
Electrical outlet different from standard Shucko
Packing in wooden cage





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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.