

PharmaStore⁺ Series

2~8°C Pharmacy Refrigerator

The professional PharmaStore⁺ series medical refrigerator, specifically developed to be used by laboratories, hospitals, and pharmacies, ensure optimal storage conditions for temperature sensitive medical products and biological material, meeting the highest requirement for accurate controlled cold storage. Available with a wide range of capacities and applications, from 110 liters for minor needs to 1400 liters for pharmaceutical warehouses.

TC-100A Controller



Microprocessor electronic controller for PharmaStore⁺ series medical refrigerators, fitted with dual LED screen to display inner chamber temperature and key working conditions. Advanced dual sensor control system for accurate temperature control.



LOW CO2
EMISSIONS



FORCE AIR
COOLING



USB PORT



ELECTRIC HEATING
GLASS DOOR



POWER FAILURE
ALARM



DOOR AJAR A
LARM

PERFORMANCE

- Forced air cooling for excellent temperature uniformity
- Variable (cycle) defrost
- Intelligent microprocessor controller with LED digital display resolution 0.1
- Magnetically sealed door with rapid cool-down mode after door opening
- Dual sensor design: Independent control sensor and display sensor

ERGONOMIC DESIGN

- Electric heating glass door prevents condensation water
- Independent switch for electric glass door heating
- Door-activated and exterior switch-activated interior LED lighting
- Self-close door for convenient operation
- Ultra-quiet design reduces noise level

ENVIRONMENT FRIENDLY

- Natural refrigerant compliant with EPA and SNAP non-ozone depleting mandates
- CFC-Free polyurethane foaming insulation
- High efficiency cooling system for lower energy consumption and carbon emission

ALARMS

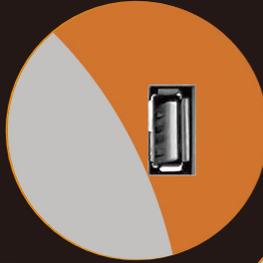
- High temperature
- Low temperature
- Door ajar
- Power failure
- Sensor error
- Low battery

SAFETY

- Build-in data storage and USB port for download
- Password protection avoids key parameters unauthorized change
- Safety door lock, preventing unauthorized access
- Access port for additional temperature probe
- Remote alarm contacts



▶ **Safety door lock**
Preventing unauthorized access



▶ **USB port**
Temperature data storage and download



▶ **Forced air cooling**
Excellent temperature uniformity and fast recovery after door open



▶ **Adjustable shelves**
Convenient storage of different size products



▶ **Glass door with heater**
2-layer to prevent condensation water
glass door with electric heating



▶ **Access port**
For easy access of additional temperature probe



▶ **Remote alarm contact**
Sending signal to a remote alarm system

2~8°C

PharmaStore⁺ Series

	Model	MPR-110	MPR-350	MPR-550
Basic	Type	Under-counter, 1-door	Upright, 1-door	Upright, 1-door
	Temperature range (°C)	2~8	2~8	2~8
	Climate type	N/ST	N/ST	N/ST
	Capacity (L)	110	350	550
	Cooling type	Forced-air	Forced-air	Forced-air
	Defrost type	Auto	Auto	Auto
	Refrigerant	R600a	R600a	R290
	Noise	≤ 42	≤ 45	≤ 45
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital	LED digital	LED digital
	Display accuracy	0.1	0.1	0.1
	Light switch	●	●	●
	Battery switch	●	●	●
	Door heating switch	●	●	●
	USB port & data memory	●	●	●
	Cloud Monitoring (Wi-Fi)	○	○	○
Power	Power supply (V/Hz)	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60
	Rated power when door heating on (W)	220	350	420
Alarm	Visible/audible	●	●	●
	High/low temp	●	●	●
	Remote alarm contact	●	●	●
	Sensor failure	●	●	●
	Door open	●	●	●
	Low battery	●	●	●
	Power failure	●	●	●
Accessories	Door lock with key	●	●	●
	LED light	●	●	●
	Door	2-layer glass door x 1	2-layer glass door x 1	2-layer glass door x 1
	Door heating	●	●	●
	Test access port	Φ25mm x 1	Φ25mm x 1	Φ25mm x 1
	Shelves adjustable QTY	2	6	5
	Basket at bottom	1	1	/
	Adjustable foot	●	/	/
Material	Caster	/	●	●
	Exterior	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Interior	PS liner	PS liner	Pre-coated steel
	Insulation	Polyurethane, 50mm	Polyurethane, 50mm	Polyurethane, 50mm
	Forming agent	Cyclopentane	Cyclopentane	Cyclopentane
Weight & size	Net weight (kg)	54	94	103
	Gross weight (kg)	60	107	118
	Internal W×D×H (mm)	500×510×570	500×510×1550	585×640×1375
	External W×D×H (mm)	606×680×830	606×680×1865	680×770×2020
	Packing W×D×H (mm)	650×730×890	650×730×1950	720×760×2200
	Packing volume (m ³)	0.42	0.93	1.20

2~8°C

PharmaStore⁺ Series



Model		MPR-770	MPR-1040	MPR-1240	MPR-1400
Basic	Type	Upright, 2-door	Upright, 2-door	Upright, 3-door	Upright, 3-door
	Temperature range (°C)	2~8	2~8	2~8	2~8
	Climate type	N/ST	N/ST	N/ST	N/ST
	Capacity (L)	770	1040	1240	1400
	Cooling type	Forced-air	Forced-air	Forced-air	Forced-air
	Defrost type	Auto	Auto	Auto	Auto
	Refrigerant	R290	R290	R290	R290
	Noise	≤ 47	≤ 50	≤ 51	≤ 52
Control	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital	LED digital	LED digital	LED digital
	Display accuracy	0.1	0.1	0.1	0.1
	Light switch	●	●	●	●
	Battery switch	●	●	●	●
	Door heating switch	●	●	●	●
	USB port & data memory	●	●	●	●
	Cloud Monitoring (Wi-Fi)	○	○	○	○
Power	Power supply (V/Hz)	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60
	Rated power when door heating on (W)	490	620	660	690
Alarm	Visible/audible	●	●	●	●
	High/low temp	●	●	●	●
	Remote alarm contact	●	●	●	●
	Sensor failure	●	●	●	●
	Door open	●	●	●	●
	Low battery	●	●	●	●
	Power failure	●	●	●	●
Accessories	Door lock with key	●	●	●	●
	LED light	●	●	●	●
	Door	2-layer glass door x 2	2-layer glass door x 2	2-layer glass door x 3	2-layer glass door x 3
	Door heating	●	●	●	●
	Test access port	Φ 25mm x 1			
	Shelves adjustable QTY	10	10	15	15
	Basket at bottom	/	/	/	/
	Adjustable foot	/	/	/	/
Material	Caster	●	●	●	●
	Exterior	Pre-coated steel	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Interior	Pre-coated steel	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Insulation	Polyurethane, 50mm	Polyurethane, 50mm	Polyurethane, 50mm	Polyurethane, 50mm
Weight & size	Forming agent	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane
	Net weight (kg)	137	161	193	212
	Gross weight (kg)	158	186	230	257
	Internal W×D×H (mm)	950x580x1350	1115x680x1470	1550x580x1350	1730x580x1350
	External W×D×H (mm)	1050x720x2020	1215x820x2020	1650x720x2020	1830x720x2020
	Packing W×D×H (mm)	1090x760x2200	1255x860x2200	1650x760x2200	1870x760x2200
Packing volume (m ³)	1.82	2.37	2.76	3.13	