

PharmaStore⁺ series

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
- Door-activated and exterior switch-activated interior LED lighting
- Self-close door for convenient operation
- Ultra-quiet design reduces noise level

ENVIRONMENT FRIENDLY

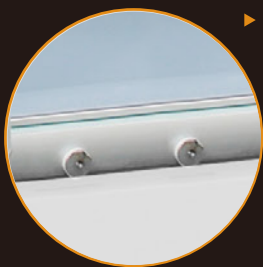
- Natural refrigerant compliant with EPA and SNAP non-ozone depleting mandates
- CFC-Free polyurethane foaming insulation
- High efficiency cooling system for lower energy consumption and carbon emission

ALARMS

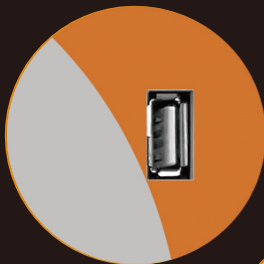
- High temperature
- Low temperature
- Door ajar
- Power failure
- Sensor error
- Low battery

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 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
Main specifications	Type	Under-counter	Upright	Upright
	Temperature range (°C)	2~8	2~8	2~8
	Climate type	N/ST	N/ST	N/ST
	Capacity (L)	110	350	550
	Internal W×D×H (mm)	500 * 510 * 570	500 * 510 * 1550	585×580×1375
	External W×D×H (mm)	606 * 680 * 840	606 * 680 * 1875	680×720×2020
	Weight (KGs)	56	82	125
	Insulation (mm)	50	50	50
	Cooling type	Forced air	Forced air	Forced air
	Defrost	Auto defrost	Auto defrost	Auto defrost
	Refrigerant	R600a	R600a	R290
Control system	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital	LED digital	LED digital
	Display accuracy	0.1	0.1	0.1
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 (W)	198	340	480
Data memory	USB port	●	●	●
	Cloud monitoring (Wi-Fi)	CryoMonitor 2000TF, optional	CryoMonitor 2000TF, optional	CryoMonitor 2000TF, optional
Alarm functions	Visible/audible alarm	●	●	●
	High/low temp alarm	●	●	●
	Remote alarm contact	●	●	●
	Sensor failure	●	●	●
	Door open	●	●	●
	Low battery	●	●	●
	Power failure	●	●	●
Other feature	Door lock with key	●	●	●
	Inner LED light	●	●	●
	Adjustable foot	●	-	-
	Caster	-	●	●
	Test access port	Φ 25mm x 1	Φ 25mm x 1	Φ 25mm x 1
	Shelves adjustable	2	6	5
	Shelf at bottom	1	1	/
	Door QTY	1	1	1
Material	Exterior	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Interior	White blister	White blister	Pre-coated steel
	Door	2-layer glass door, electric heating	2-layer glass door, electric heating	2-layer glass door, electric heating
	Insulation	Cyclopentane	Cyclopentane	Cyclopentane
Shipping	Gross weight (KGs)	62	91	138
	Packing W×D×H (mm)	650 * 730 * 865	650 * 730 * 1925	720×760×2200
	Volume (m ³)	0.41	0.91	1.20

2~8°C

PharmaStore⁺ series

Model		MPR-770	MPR-900	MPR-1240	MPR-1400
Main specifications	Type	Upright	Upright	Upright	Upright
	Temperature range (°C)	2~8	2~8	2~8	2~8
	Climate type	N/ST	N/ST	N/ST	N/ST
	Capacity (L)	770	900	1240	1400
	Internal W×D×H (mm)	950×580×1350	1115×580×1350	1550×580×1350	1730×580×1350
	External W×D×H (mm)	1050×720×2020	1215×720×2020	1650×720×2020	1830×720×2020
	Weight (KGs)	170	195	245	265
	Insulation (mm)	50	50	50	50
	Cooling type	Forced air	Forced air	Forced air	Forced air
	Defrost	Auto defrost	Auto defrost	Auto defrost	Auto defrost
	Refrigerant	R290	R290	R290	R290
Control system	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital	LED digital	LED digital	LED digital
	Display accuracy	0.1	0.1	0.1	0.1
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 (W)	540	660	690	710
Data memory	USB port	●	●	●	●
	Cloud monitoring (Wi-Fi)	CryoMonitor 2000TF, optional	CryoMonitor 2000TF, optional	CryoMonitor 2000TF, optional	CryoMonitor 2000TF, optional
Alarm functions	Visible/audible alarm	●	●	●	●
	High/low temp alarm	●	●	●	●
	Remote alarm contact	●	●	●	●
	Sensor failure	●	●	●	●
	Door open	●	●	●	●
	Low battery	●	●	●	●
	Power failure	●	●	●	●
Other feature	Door lock with key	●	●	●	●
	Inner LED light	●	●	●	●
	Adjustable foot	-	-	-	-
	Caster	●	●	●	●
	Test access port	Φ 25mm x 1	Φ 25mm x 1	Φ 25mm x 1	Φ 25mm x 1
	Shelves adjustable	10	10	15	15
	Shelf at bottom	/	/	/	/
	Door QTY	2	2	3	3
Material	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
	Door	2-layer glass door, electric heating	2-layer glass door, electric heating	2-layer glass door, electric heating	2-layer glass door, electric heating
	Insulation	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane
Shipping	Gross weight (KGs)	189	215	266	289
	Packing W×D×H (mm)	1090×760×2200	1255×760×2200	1650×760×2200	1870×760×2200
	Volume (m ³)	1.8	2.10	2.76	3.13