ULT Freezer MD-86L108 (Net capacity:108 L)

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MD-86L108

Safe and Reliable Samples Storage
High temperature uniformity;
Imported world-famous components.

Multi-level Alarms
high, low temperature, sensor error, power failure, high ambient alarm, door open alarm.

Fast Cabinet Pull Down
Faster cool down time compare with average .

Smart Design, Super sample storage
9,000 vials (2ml) storage, biggest in indursty.

VIP PLUS
VIP PLUS vacuum insulation provides up to 30% more storage capacity than a conventionally insulated freezer.

Steel Cabinet
Abrasive and corrosion resistance,easy clean.

USB Interface
Enables users to download historical temperature data for compliance/auditing purposes.



Ingenious Handle Design
Ingenious handle design helps you easy to open and close door easier. Lockable handle safe-guards your precious samples. Padlock can also be added for extra sample safety.

LED Display
LED screen to provide optimal user experience. The built in USB port allows logged data to be easily transferred to PC.

Alarm functions
include high, low temperature, sensor error, power failure, high ambient alarm, door open alarm etc.

2 casters + 2-foot locks, easy to move, lock and level.

Multi-layer Silicone Sealing Structure
Multi-layers silicone gaskets provide a tight seal between the inner doors and outer door, reducing heat exchange rate and retaining the inner temperature better when there is power failure.

Double inner doors
Can reduce cooling loss when opening the outer door, easy to clean.

Tool-free removable filter design
Easy and quick to clean the filter.

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Item	Model No.	MD-86L108
Technical data	Cabinet Type	Upright
	Climate Class	N
	Cooling Type	Direct cooling
	Defrost type	Manual
	Refrigerant/Amount(g)	Mixed refrigerant
	Net Storage Volume(L)	108
	2ml Cryo Tube Qty	9000
	External material	High quality coated steel
	Inner material	Galvanized steel sheet
	Compressor type	Fixed frequency
	Sensor Qty	PT1000/3
Control	Controller	Microprocessor
	Display	LED
	Temperature Range	-40 ～ -86℃
	Temperature Accuracy	0.1
	Temperature uniformity/°C	±2
Dimensions	Product Dimensions(mm)(wxdxh)	955*675*815
	Interior Dimensions(mm)(wxdxh)	440*435*590
	Net/Gross Weight	113/141
Electrical Date	Power supply	220~240v/ 50HZ
Alarms	Sound Alarm	Y
	Light Alarm	Y
	Remote Alarm	Y
	High Temperature Alarm	Y
	Low Temperature Alarm	Y
	Door ajar Alarm	Y
	Power Failure Alarm	Y
	Low battery Alarm	Y
	Sensor Failure Alarm	Y
	Environment Temperature Alarm	Y
	Hot condenser Alarm	Y
	Communication failure Alarm	Y
Accessories	USB interface	Y
	Door Heating	Y
	Shelves Qty	1
	Cable Port	1
	Backup Battery	Y
	Backup Battery endurance	52h

Midea Biomedical Co.,Ltd. Global integrated cold chain solutions supplier

+86-551-62213025 http://www.midea.com/global/

Midea Refrigerator Industrial Zone, Zishi Road, Economic & Technological Zone,Hefei, China