

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

# Vacc-Safe



**VS-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 industry.

## VIP PLUS

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

## 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.

## 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.

## Steel Cabinet

Abrasive and corrosion resistance, easy clean.

## Double inner doors

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

## USB Interface

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

## LED Display

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

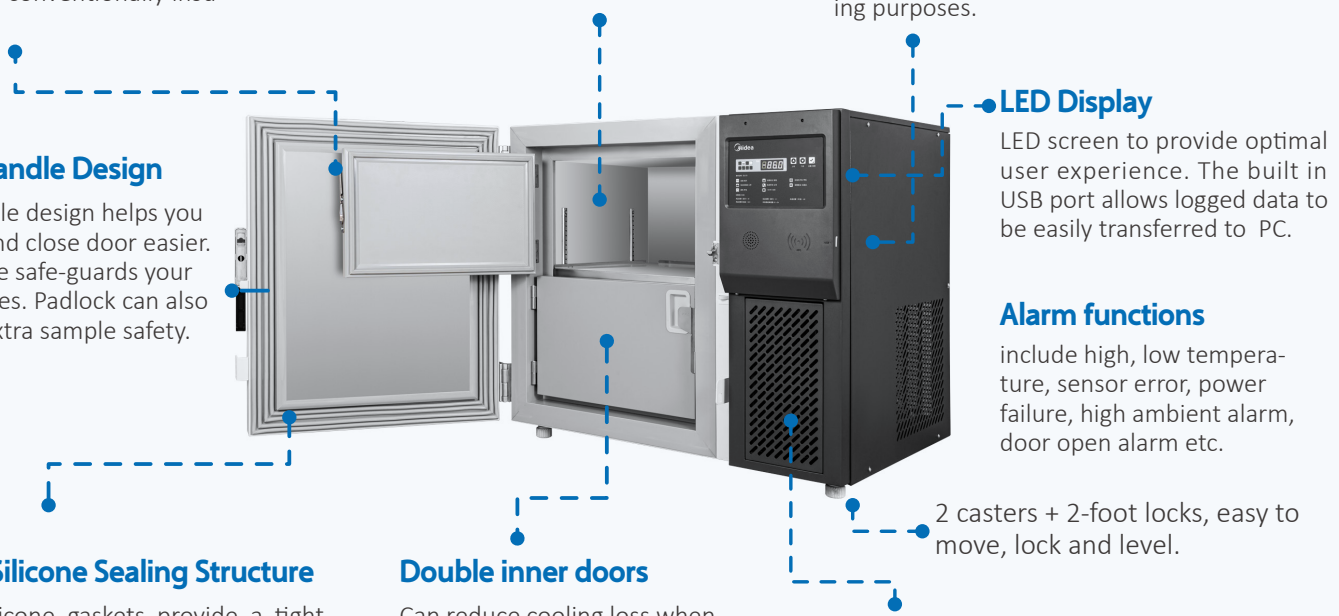
## Alarm functions

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.

## Tool-free removable filter design

Easy and quick to clean the filter.



Item	Model No.	VS-86L108
<b>Technical data</b>	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
<b>Control</b>	Controller	Microprocessor
	Display	LED
	Temperature Range	-40 ~ -86 °C
	Temperature Accuracy	0.1
	Temperature uniformity/°C	±2
<b>Dimensions</b>	Product Dimensions(mm)(wxdxh)	955*675*815
	Interior Dimensions(mm)(wxdxh)	440*435*590
	Net/Gross Weight	113/141
<b>Electrical Date</b>	Power supply	220~240v/ 50HZ
<b>Alarms</b>	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
<b>Accessories</b>	USB interface	Y
	Door Heating	Y
	Shelves Qty	1
	Cable Port	1
	Backup Battery	Y
	Backup Battery endurance	52h