

## Ultra-low temperature Freezer

### MDF-86H105

**Ideal for long term preservation of virus,germs,vaccines,biological tissues and organs,special food.medicines,reagents etc.**

#### BOX

- The box is made of high quality cold rolled steel plate, and the surface is treated with advance anti-corrosion phosphatic spraying process with elegant orange powder coating. High-class 304 SUS inner box, durable and reliable.

#### Temperature control mode

- With the international famous brand computer temperature control system to keep the inner temperature accurate and stable. Temperature adjusted from -40°C~-86°C
- High light digital display
- High/low temperature alarm, the alarm temperature can be set as needed
- Platinum resistance temperature sensor, sensing temperature accurately

#### Features

- Safety door lock design to prevent abnormal door open
- Wide voltage for AC198V-AC242V
- Mute design for salient needed environment
- Digital display with big screen, easy to check
- Excellent thermal insulation performance with silicone door seal design (second door seal optional)
- Mobile and fixable wheel for move

#### Security guarantee

- Temperature high/low alarm, sensor malfunction alarm
- Audible and visible alarm
- Keyboard lockable, password protection to prevent change running parameter randomly
- Display running parameter with real-time monitoring to guarantee the stability of freezer

#### Refrigeration system

- Imported brand compressor work with Mixed refrigerant
- High density insulation foam layer with better heat preservation effect
- Optimized self-cascade refrigeration system to provide faster cooling speed with lower power consumption

#### Special

- Mixed refrigerant: Keep fast cooling speed and energy saving
- Humanized big handle design , easy for one-man operation
- Large digital display for easy of observation



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## Parameters

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Performance	Capacity(L)	105
	Temperature Range(°C)	-40~-86
	Ambient Temperature(°C)	+10~+32
	Cabinet Type	Horizontal
CONTROL System	Controller	Microprocessor
	Display	Digital Display
Refrigeration System	Compressor	1
	Refrigerant	Mixed
	Cooling Type	Direct Cooling
	Defrost Type	Manual
Electrical Data	Power Supply(V/Hz)	187~242/50~60; 115/60
	Rated Power(W)	455
	Electrical Current(A)	2.2
	Power Consumption(kWh/24h)	3.8
Dimensions	Interior Dimension(W*D*H)(mm)	480×380×665
	Exterior Dimension(W*D*H)(mm)	680×580×935
	Package Dimension(W*D*H)(mm)	740×680×970
	Net/Gross Weight(approx)(kg)	42/45
	Container Load(20'/40'/40'H)	48/102/102
Alarm	High/Low Temperature	Y
	Sensor Error	Y
	Controller Error	Y
Accessories	Caster	Y
	Testing Hole/Diameter	1/25MM
	Temperature Recorder	Optional
Others	Certificate	ISO9001, 14001, 13485

