



U-100M

-86°C Ultra-low Temperature Freezer



GENERAL SPECIFICATIONS	
Cabinet Type	Upright
Capacity	100L / 3.5Cu.Ft.
Internal Size(W*D*H)	450*439*514mm 17.7*17.2*20.2in
External Size(W*D*H)	1066*742*820mm 41.9*29.2*32.2in
Package Size(W*D*H)	1165*810*970mm 45.8*31.8*38.1in
NW/GW(Kgs)	145/176

PERFORMANCE	
Temperature Range	-40 « -86°C
Ambient Temperature	16 « 32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Digital display

REFRIGERATION	
Compressor	1pc
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	Mixture gas
Insulation Thickness(mm)	90, R:115

CONSTRUCTION	
External Material	Steel plates with spraying
Inner Material	Galvanized steel sheet
Shelves	1(stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	1pc. Ø 40 mm
Casters	4
Data Logging/Interval/Recording Time	Printer/Record every 20 minute / 7 days
Backup Battery	Yes

ALARM	
Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure,Low battery
System	Sensor error, Main board communication error, System failure, Condenser cooling failure, Door ajar, Samples out of date

ELECTRICAL	
Power Supply(V/HZ)	110/60
Rated Power(W)	950
Input Power(W)	1100
Power Consumption(KWh/24h)	9.2
Rate Current(A)	10

OPTIONS ACCESSORY	
System	Chart recorder, CO2 backup system