

GL-U-19M

-86°C Ultra-low Temperature Freezer

GENERAL SPECIFICATIONS

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|----------------------|----------------------------------------|
| Cabinet Type | Upright |
| Capacity(L) | 528 L / 18,64 cu ft |
| Internal Size(W*D*H) | 585*696*1266mm / 23*27.40*49.84in |
| External Size(W*D*H) | 930*1041*1947mm / 36.61*40.98*76.65in |
| Package Size(W*D*H) | 1025*1150*2085mm / 40.35*45.27*82.08in |
| NW/GW | 286/319kgs, 630/703lbs |

PERFORMANCE

| | |
|---------------------|----------------|
| Temperature Range | -40~-86°C |
| Ambient Temperature | 16-32°C |
| Cooling Performance | -86°C |
| Climate Class | N |
| Controller | Microprocessor |
| Display | Touch screen |

REFRIGERATION

| | |
|--------------------------|----------------|
| Compressor | 1pc |
| Cooling Method | Direct Cooling |
| Defrost Mode | Manual |
| Refrigerant | Mixture gas |
| Insulation Thickness(mm) | 130 |

CONSTRUCTION

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|--------------------------|-----------------------------------------|
| External Material | High quality steel plates with spraying |
| Inner Material | Galvanized steel sheet |
| Shelves | 3(stainless steel) |
| Door Lock with Key | Yes |
| External Lock | Yes |
| Access Port | 2pcs. Ø 25 mm |
| Casters | 4+(2 leveling feet) |
| Data Logging/Interval/RT | USB/Record every 1 minute / 365 days |
| Backup Battery | Yes |

ALARM

| | |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature | High/Low temperature, High ambient temperature |
| Electrical | Power failure |
| System | Sensor error, Main board communication error, Built-in data logger USB failure Condenser cooling failure, Door ajar, Samples out of date, System failure |

ELECTRICAL

| | |
|----------------------------|--------------------|
| Power Supply(V/HZ) | 220/60, 230±10%/50 |
| Rated Power(W) | 1265 |
| Power Consumption(KWh/24h) | 12.82 |
| Rated Current(A) | 6.57 |

OPTIONS ACCESSORY

| | |
|--------|---------------------------------------------------------------------|
| System | Chart recorder, CO2 backup system, Printer, Remote alarm contact |
|--------|---------------------------------------------------------------------|

