Schnee
ALPINUM PRAZISION COLD CHAIN

Life Science Product
2°C~8°C / -10°C~ 26 °C
Refrigerator and Freezer Combination

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2～8°C /-10～-26°C Refrigerator and Freezer Combination
Niewurz-339

Environmentally Friendly & High-efficiency
Environmentally-friendly Freon-free refrigerant and high-efficiency compressor supplied by an international famous brand ensure energy saving and high efficiency.

Refrigeration System
Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.

High-precision Computerized Temperature Control
The digital temperature display can indicate operating status clearly, and users may set the high temperature/low temperature alarm points based on their needs.

Thermal Insulation System
The CFC-free polyurethane foam technology and the thicker insulating layer can improve the effect of thermal insulation.

Temperature Control System
· High-precision microcomputer temperature control system with build-in control/alarm sensors for High/low temperature, ambient temperature and evaporator temperature etc. ensuring the safe and stable running.
· 1 inch high brightness digital temperature display with 0.1°C display precision; the temperature can be set freely.

Refrigeration System
· Equipped with high-efficiency compressor and nternational brand fan, ensuring energy saving and silent running.
· Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.

Security System
· Perfect audible and visual alarm system makes it safer for storage. Equipped with alarm functions including high/low temperature alarm, high ambient alarm, sensor failure alarm, door opening alarm, power failure alarm, etc.
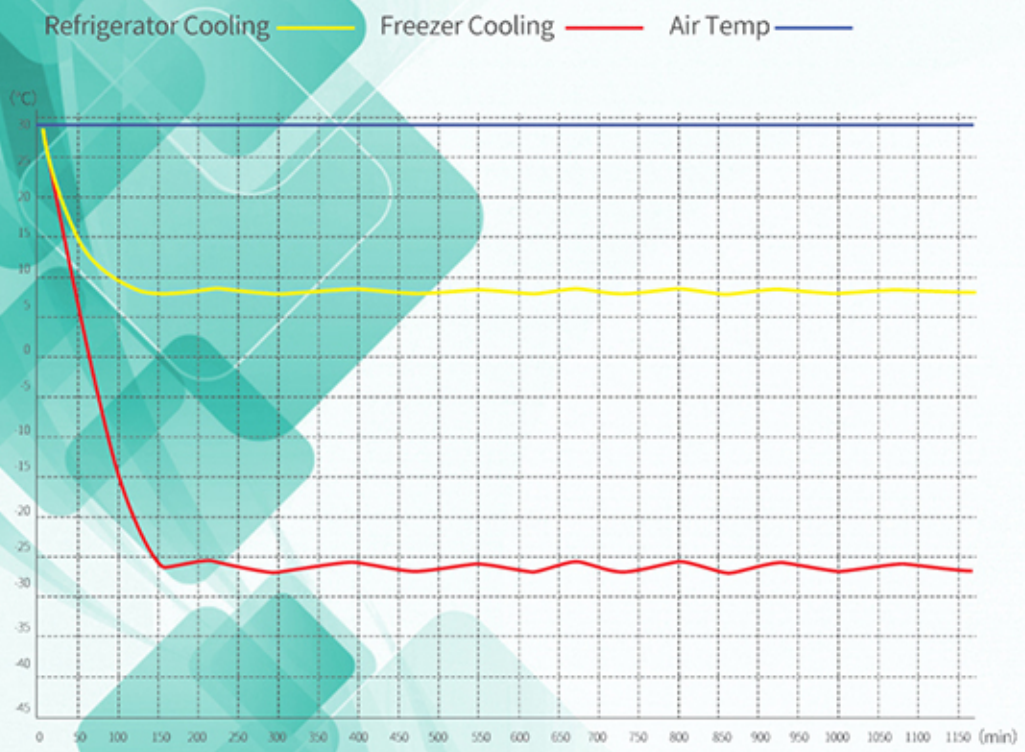· Buzzer alarm for the door opening more than 1 minute, alarm automatically muted when the door is closed.

Human-oriented
· The interior is equipped with 3 drawers + 4 shelves for object storage.
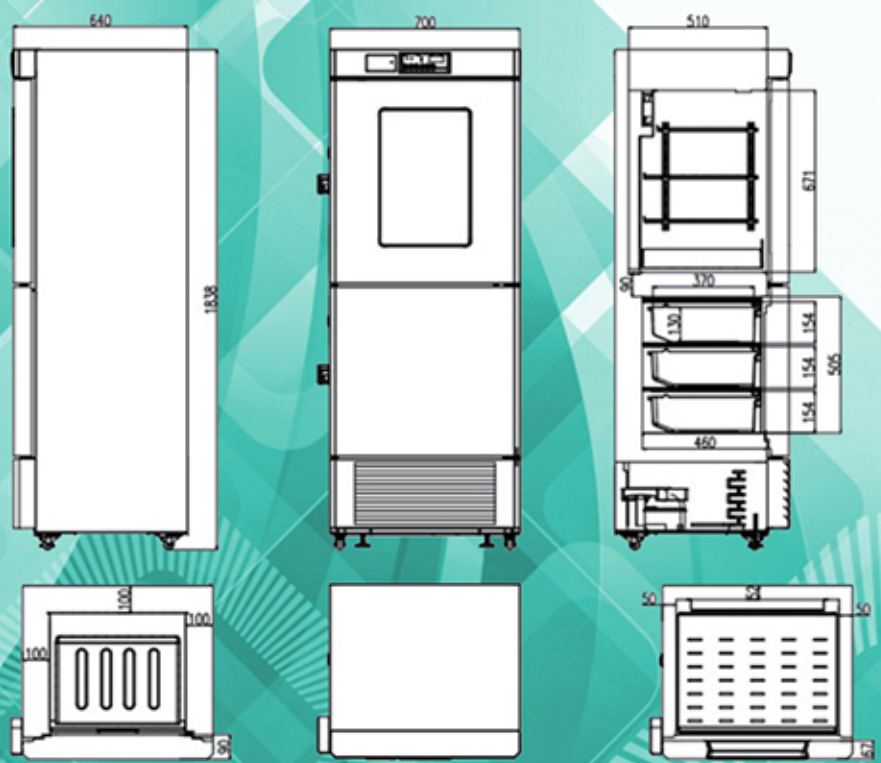· 2 leveling feet located at the front bottom, 4 castors for the front and back.

Scope of Application

Suitable for use in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. Suitable for use in research institutions, the electronic industry, the chemical industry, hospitals, the health,& disease prevention system, laboratories in colleges & universities, military enterprises, etc.

Performance Data / Cooling Curve

Refrigerator Cooling —— Freezer Cooling —— Air Temp ——

External Dimensions

▥ Specification Chart

2~8°C /-10~-26°C Refrigerator and Freezer Combination

Model	Niewurz-339
Cabinet Type	Upright
Capacity(L)	339, R:219, F:120
Internal Size(W*D*H)mm	R:600*510*670, F:500*460*505
External Size(W*D*H)mm	745*650*1845
Package Size(W*D*H)mm	830*740*2004
NW/GW(Kgs)	140/162

Performance	
Temperature Range	R:2~8, F:-10~-26
Ambient Temperature	16-32
Cooling Performance	R:4, F:-25
Climate Class	N
Controller	Microprocessor
Display	Digital display

Refrigeration	
Compressor	2pcs
Cooling Method	R: Forced air cooling , F:Direct cooling
Defrost Mode	R:Automatic, F:Manual
Refrigerant	R134a
Insulation Thickness(mm)	R:50, F:100

Construction	
External Material	Carbon steel spraying
Inner Material	304 Stainless steel
Shelves	R:3+1(Stainless steel),F:3(ABS)
Backup battery	Yes
External Lock	Yes
Access Port	2pcs. Ø 25 mm
Casters	4 (2 caster with brake) + (2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years (Printer/Record every 20 minute / 7 days)
Door with Heater	Yes
Standard Accessory	RS485，Remote alarm contact

Alarm	
Temperature	High/Low temperature, High ambient temperature .
Electrical	Power eailure,Low battery
System	Sensor error,Door ajar,USB datalog failure, Communication failure .Remote alarm

Electrical	
Power Supply(V/HZ)	AC220-240V / 60Hz
Rated Power(W)	295
Input Power(W)	345
Power Consumption(KWh/24h)	3.11
Rated Current(A)	2.23

Options Accessory	
System	RS232