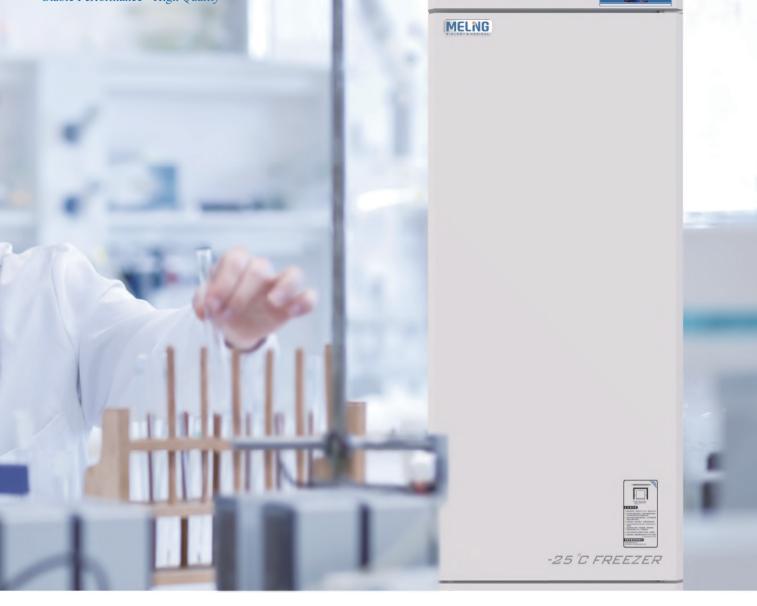
-10°C~-25°C Biomedical Freezer

Stable Performance • High Quality



DW - YL270

CE

🐼 Refrigeration System

• The environmentally friendly Freon-free refrigerant and high-efficiency enclosed compressor supplied by a famous brand can ensure energy saving and low noise;

• The condenser installed on the bottom ensures temperature stability and system reliability.

Temperature Control

The high-precision computerized temperature control system ensures an adjustable temperature within a range from -10 to -25æ inside the cabinet.

🔦 Security System

The well-developed audible & visual alarm system (sensor failure alarm, high temperature/low temperature alarm, etc.) makes it safer for storage;

The turn-on delay and stopping interval protection function can ensure reliability in running;

& Human-oriented

The built-in door gasket is dust proof and easy to clean.



High-precision Temperature Control System

• The system has the function of digital temperature display and temperature inside the cabinet can be set within a range from -10°C to -25°C; • High-precision microcomputer tem-

perature control system; The platinum resistor temperature sensors ensure more precise temperature control.



Refrigeration System

efficiency and stability.

• The compressor supplied by an international famous brand compressor is

energysaving and environmentally friendly; •The refrigerating circuit with proprietary intellectual property rights ensures high



dly;



Thermal Insulation System

- The two-layer thermal insulating foamed door can prevent loss of refrigerating capacity in an effective way;
 The cabinet is made from CFC-free pol-
- The cabinet is made from CFC-free polyurethane material, which can improve its heat insuating performance to a large extent.



Security System

- The well-developed audible & visual alarm system makes it safer for storage;
- Equipped with alarm functions including high/ low temperature alarm, sensor failure;
- · Specially equipped with external door handle and padlock to prevent unauthorized opening.



Human-oriented

640

The safety lock on the door, with door handle, 2 universal casters and 2 levelining feet for easy movement and fixation.

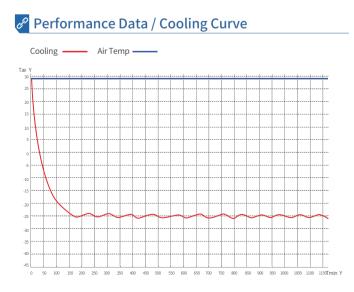
Structure Design

• Upright type, aluminum plate with spraying material interior, external material is painted steel board:

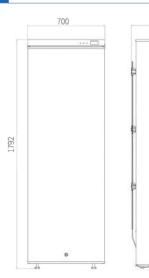
·Inside drawers made of ABS, 7 drawers.

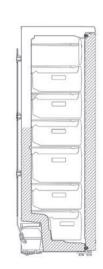
Scope of Application

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.



External Dimensions





👪 Specification Chart

ModelDW+/L270Cabinet TypeUprightCapacity(L)270Internal Size(W1'D'H)mm500'460'1235External Size(W1'D'H)mm700'540'1792Package Size(W1'D'H)mm700'720'1885NW(GW(kgs)90/98Performance10~-25'CController16-32'CControllerMicroprocessorDisplayDigital displayRefrigeration10Cooling Herformance1Cooling WethodDirect CoolingDerrost ModeManualRefrigeration1Cooling WethodDirect CoolingDerrost ModeManualRefrigerantR600aInsulation Thickness(mm)00Shelves7(ABS)Door Lock with KeyYesAccess Port1Construction1Construction2(Lelening feet)Door clay ith KeyYesShelves7(ABS)Door clay ith KeySensor failureConstructionBoor ajarExternal MaterialNetroller and this for all and	-25°C Biomedical Freezer	
Capacity(L)270Internal Size(W*D*H)mm500*460*1235External Size(W*D*H)mm700*640*1792Package Size(W*D*H)mm760*720*1885NW/GW(Kg)90/98Performance50*26Performance10~25*CColing Performance-25*CColing Performance-25*CClimate ClassNControllerMicroprocessorDisplayDigital displayRefrigeration-Congressor1Conding MethodDirect CoolingDefrost ModeManualRefrigerant6000aInsulation Thickness(mm)10Defrost ModeAuminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Castrs2(Jeulenig feet)AternalGenor failureSystemSensor failureSystemSensor failurePower Kuy220-240-/50Power Kuy121	Model	DW-YL270
Internal Size(W*D*H)mm500*460*1235External Size(W*D*H)mm700*640*1792Package Size(W*D*H)mm760*720*1885NW/GW(Kgs)00/98PerformanceTemperature Range-10~25*CAmbient Temperature15-32*CColing Performance-25*CColing Performance0ControllerMicroprocessorDisplayDigital displayPerforgesor1Cooling MethodManualRefrigeration100Defrost ModeManualRefrigerantRe600aInsulation Thickness(mm)100Costruction1Shelves7(ABS)Door Lock with KeyYesAccess Port1Casters24 (2 leveling feet)AtternalMicroprocessorShelves7(ABS)Power Supply(V/HZ)20-240~/50Power Consumption(KWh/24h)121	Cabinet Type	Upright
External Size(W*D*H)mm700*640*1792Package Size(W*D*H)mm760*720*1885NW/GW(Kgs)90/98Performance10~-25*CAmbient Temperature Range10~-25*CCooling Performance-25*CColing Performance-25*CControllerMicroprocessorDisplayoigital displayRefrigerationCoolingCooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100External MaterialAluminum plate with sprayingShelves7(ABS)Dor Lock with KeyYesAccess Port1Casters24/2 leveling feet)ArrenSensor failureSystemSensor failureSystemSensor failurePower Supply(V/HZ)220-240-/50Power Consumption(KWh/24h)121	Capacity(L)	270
Package Size(W*D*H)mm760*720*1885NW/GW(Kgs)90/98Performance-10~~25*CAmbient Temperature16-32*CCooling Performance-25*CCilmate ClassNControllerMicroprocessorDisplayoigital displayCooling MethodDirect CoolingCooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)10ConstructionExternal MaterialInner MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Dor Jack Stort24/2 leveling feet)Access Port1CastersSensor failureSystemSensor failureSystemSensor failurePower Supply(V/HZ)220-240-/50Power Consumption(KWh/24h)121	Internal Size(W*D*H)mm	500*460*1235
NW/GW(Kgs)90/98PerformanceTemperature Range-10~-25°CAmbient Temperature16-32°CCooling Performance-25°CClimate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationCompressorCooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100CostructionJese CoolengExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AternaSensor failureConstructionDoor ajarEternal MaterialSensor failurePower KW)135Power Consumption(KWh/24h)1.21	External Size(W*D*H)mm	700*640*1792
Performance Temperature Range -10~-25°C Ambient Temperature 16-32°C Cooling Performance -25°C Climate Class N Controller Microprocessor Display Digital display Refrigeration Cooling Cooling Method Direct Cooling Defrost Mode Manual Refrigerant R600a Insulation Thickness(mm) 100 Costruction Uninum plate with spraying Shelves 7(ABS) Door Lock with Key Yes Access Port 1 Casters 2+(2 leveling feet) Alarm Sensor failure Construction Door ajar Etectrical Power (W) Power (W) 135	Package Size(W*D*H)mm	760*720*1885
Temperature Range-10~-25°CAmbient Temperature16-32°CCooling Performance-25°CClimate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationControllerCooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100CostructionExternal MaterialNaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1TemperatureHigh/low temperatureSystemSensor failureConstructionDor ajarEtertori220-240~/50Power Consumption(KWh/24h)1.21	NW/GW(Kgs)	90/98
Ambient Temperature16-32°CCooling Performance-25°CClimate ClassNControllerMicroprocessorDisplayDigital displayRefrigeration1Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)10Construction1External MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7 (ABS)Door Lock with KeyYesAccess Port1TemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarEternalSensor failurePower Supply(V/HZ)220-240~/50Power Wing1.21	Performance	
Cooling Performance-25°CClimate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationCompressor1Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)00ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AtarmHigh/low temperatureSystemSensor failureConstructionDoor ajarEtertrical120-240-/50Power Consumption(KWh/24h)121	Temperature Range	-10~-25°C
Climate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationCompressor1Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100ConstructionConstructionShelves7(ABS)Door Lock with KeyYesAccess Port1Casters24(2 leveling feet)AtarmSensor failureConstructionDoor ajarEtertralSensor failurePower Supply(V/HZ)220-240-/50Power Consumption(KWh/24h)1.21	Ambient Temperature	16-32°C
ControllerMicroprocessorDisplayDigital displayRefrigerationICompressor1Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AarmJoor ajarEterticalDoor ajarPower Supply(V/HZ)220-240~/50Power (W)135Power Consumption(KWh/24h)1.21	Cooling Performance	-25°C
DisplayDigital displayRefrigerationCompressor1Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AtarmSensor failureSystemSensor failureConstructionDoor ajarEtertical220-240-/50Power Consumption(KWh/24h)1.21	Climate Class	Ν
RefrigerationCompressor1Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AlarmSensor failureConstructionDoor ajarEtertrical220-240-/50Power Supply(V/HZ)220-240-/50Power Consumption(KWh/24h)1.21	Controller	Microprocessor
Compressor1Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100External MaterialNamuarPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)TemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarEtcrical220-240~/50Power Consumption(KWh/24h)1,21	Display	Digital display
Cooling MethodDirect CoolingDefrost ModeManualRefrigerantR600aInsulation Thickness(mm)100ConstructionExternal MaterialInner MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)ArmTemperatureSystemSensor failureConstructionDoor ajarEcterical220-240~/50Power Supply(V/HZ)220-240~/50Power Consumption(KWh/24h)1,21	Refrigeration	
Defrost ModeManualRefrigerantR600aInsulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AarmYenTemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarEtectrical220-240~/50Power Supply(V/HZ)220-240-/50Power Consumption(KWh/24h)1.21	Compressor	1
RefrigerantRefooaInsulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AlarmImperatureSystemSensor failureConstructionDoor ajarEtectrical220-240~/50Power Consumption(KWh/24h)1.21	Cooling Method	Direct Cooling
Insulation Thickness(mm)100ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AlarmYesTemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarElectrical220-240~/50Power Supply(V/HZ)220-240~/50Power Consumption(KWh/24h)1.21	Defrost Mode	Manual
ConstructionExternal MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AlarmImperatureTemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarElectrical220-240~/50Power (W)135Power Consumption(KWh/24h)1.21	Refrigerant	R600a
External MaterialPowder coated materialInner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)Alarm	Insulation Thickness(mm)	100
Inner MaterialAluminum plate with sprayingShelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)Alarm	Construction	
Shelves7(ABS)Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)Alarm	External Material	Powder coated material
Door Lock with KeyYesAccess Port1Casters2+(2 leveling feet)AlarmTemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarElectrical220-240~/50Power Supply(V/HZ)220-240~/50Power Consumption(KWh/24h)1.21	Inner Material	Aluminum plate with spraying
Access Port1Casters2+(2 leveling feet)AlarmHigh/low temperatureTemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarElectrical220-240~/50Power Supply(V/HZ)220-240~/50Power Consumption(KWh/24h)1.21	Shelves	7(ABS)
Casters2+(2 leveling feet)AlarmHigh/low temperatureTemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarElectrical220-240~/50Power Supply(V/HZ)220-240~/50Power Consumption(KWh/24h)1.21	Door Lock with Key	Yes
AlarmTemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarElectrical220-240~/50Power Supply(V/HZ)220-240~/50Power (W)135Power Consumption(KWh/24h)1.21	Access Port	1
TemperatureHigh/low temperatureSystemSensor failureConstructionDoor ajarElectrical220-240~/50Power (W)135Power Consumption(KWh/24h)1.21	Casters	2+(2 leveling feet)
SystemSensor failureConstructionDoor ajarElectrical220-240~/50Power Supply(V/HZ)220-240~/50Power(W)135Power Consumption(KWh/24h)1.21	Alarm	
ConstructionDoor ajarElectrical220-240~/50Power(W)135Power Consumption(KWh/24h)1.21	Temperature	High/low temperature
Electrical Power Supply(V/HZ) 220-240~/50 Power(W) 135 Power Consumption(KWh/24h) 1.21	System	Sensor failure
Power Supply(V/HZ)220-240~/50Power(W)135Power Consumption(KWh/24h)1.21	Construction	Door ajar
Power(W) 135 Power Consumption(KWh/24h) 1.21		
Power Consumption(KWh/24h) 1.21	Power Supply(V/HZ)	220-240~/50
		135
Rated Current(A) 1.53		1.21
	Rated Current(A)	1.53

*The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading. *There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.

