-10°C~-25°C Biomedical Freezer

New Upgrade Stable Performance • High Quality



DW - YL90



Brand New Appearance, the Second Generation of High-quality Product The polyurethane foam door has great thermal insulation performance.

💽 Multiple alarms ensure safety of storage

The freezer has multiple audible & visual alarm functions, such as high temperature/low temperature alarm, door ajar alarm , sensor failure alarm, etc. and can guarantee security of samples in a comprehensive way.

Temperature Control

The high-precision computerized temperature control system ensures an adjusta-ble temperature within a range from -10 to -25°C inside the cabinet.





Control Panel

The high-definition digital temperature display can realize a temperature display precision of 0.1°C and is convenient for observation;



Safety Lock

Equipped with safety lock to prevent the product from being opened maliciously.



Refrigeration System

The compressor supplied by a famous brand and high-efficiency refrigerant R290 can reduce energy consump-tion to a large extent;

Alarm Upgrading

The high temperature/low temperature alarm, door ajar alarm, sensor failure alarm and can ensure security of samples comprehen-sively;



Data Storage

Equipped with USB data export interface, can export 100,000 pieces of data



Human-oriented

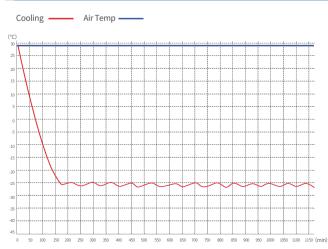
The invisible door handle can prevent damage during transportation and save space; The 3 drawers are convenient for separate storage of different types of things and can prevent cross influence among various things.

Scope of Application

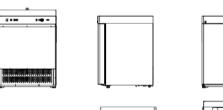
Suitable for freezing of ice bars and storage of various things needing refrigerated storage such as blood plasma, reagent, etc. Suitable for use in hospitals, clinics, health and disease prevention systems, blood banks, laboratories in colleges & universities, the frozen food industry and catering industry, etc.

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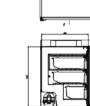
🖉 Performance Data / Cooling Curve



External Dimensions









😻 Specification Chart

| ModelDW-YL90Cabiret TypeUprightCapacity(L)90Internal Size(W*D*H)mm500*485*532External Size(W*D*H)mm700*678*864Package Size(W*D*H)mm765*735*935WVGW(Kgs)54/67Package Size(W*D*H)mm765*735*935Partonace-Temperature Range-1025°CCooling Performance-25°CClimate ClassNControllerMicroprocessorDigital displayDigital displayControllerDigital displayCongressor1pcCongressor1pcConstructionDirect CoolingExternal MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Dora Lock with KeyYesPalockOptionalCacess Port1pc. 025 mmCasters2+2 (leveling feet)Data Logging/Interval/Recording TimeUS\$/Record every 10 minutes / 2 yearsBackup BatteryYesPower Supplit/(VHZ)220-240/60Rater Curront(A)1.66AccessPort1.26Power Supplit/(VHZ)220-240/60Rater Curront(A)1.66AccessPort1.66StandardR5455,Remote alarm contact | -25°C Biomedical Freezer | |
|---|--------------------------------------|---|
| Capacity(L)90Internal Size(W*D*H)mm500*485*532Extemal Size(W*D*H)mm700*678*864Package Size(W*D*H)mm765*735*935NW/GW(Kgs)54/67Performance55*735*035Performance10~25*CCooling Performance25*CColing Performance25*CControllerMicroprocessorDisplayDigital displayRefrigeration10Cooling MethodDirect CoolingColing MethodDirect CoolingDefrost ModeManualInsulation Thickness(mm)10Defrost ModeAumain place with sprayingInner MaterialPCMInner MaterialQABS)Door Lock with KeyYesPalokakOptionalAccess Port2+2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesParatureHigh/Low temperature, High ambient temperatureSystemPower failureConstructionSensor failure, Door ajar, Built-in USB datalogger failure, Communication failureParatureHigh/Low temperature, High ambient temperatureSystemPower failurePower Supply(V/HZ)220-240/60Rater1,266Rater1,266Rater220-240/60Rater1,266Rater1,266Rater1,266Rater1,266Rater1,266Rater1,266Rater1,2 | Model | DW-YL90 |
| Internal Size(W*D*H)mm500*485*532External Size(W*D*H)mm700*678*664Package Size(W*D*H)mm765*735*935NW/GW(Kgs)54/67PerformanceTemperature Range-10~-25°CAmbient Temperature16-32°CCooling Performance25°CCilinate ClassNControllerMicroprocessorDisplayDigital displayRefigerationCooling MethodDirect CoolingDefrost ModeManualInsulation Thickness(mm)100Controller4Minium plate with sprayingShelves3(ABS)Dorlock with KeyYesPadlockOptionalAccess Port1p.c Ø25 mmCasters24(2 leveling feet)Data Logging/Interval/Recording TimeVEs/Record every 10 minutes / 2 yearsBackup BatteryYesSystemPower failureSystemPower failure, Door ajar, Built-In USB datalogger failure, Communication failureFerentueHigh/Low temperature, High ambient temperatureSystem20-240(60Rated Current(A)1.66 | Cabinet Type | Upright |
| External Size(W*D*H)mm 700*678*864 Package Size(W*D*H)mm 765*735*935 NW/GW(kg) 54/67 Performance 75*735*935 Temperature Range 10~-25*C Ambient Temperature 16-32*C Cooling Performance -25*C Coling Performance -25*C Controller Microprocessor Digital display Digital display Refrigeration Cooling Method Cooling Method Direct Cooling Defrost Mode Manual Insulation Thickness(mm) 100 Costruction External Material News 3(ABS) Door Lock with Key Yes Padlock Optional Access Port 1pc. Ø25 mm Casters 24/2 leveling feet) Data Logging/Interval/Recording Time USP/Record every 10 minutes / 2 years Backup Battery Yes Alarm Ves Power Supply(V/HZ) Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure System Power fa | Capacity(L) | 90 |
| Package Size(W*D*H)mm765*735*935NW/GW(Kgs)54/67Performance-10~-25*CAmbient Temperature Range-10~-25*CCooling Performance-25*CColinate ClassNControllerMicroprocessorDisplayDigital displayBoighad SignayDigital displayConfing MethodDirect CoolingColing MethodDirect CoolingController100Controller100Defrost ModeManualInsulation Thickness(mm)100Shelves3(ABS)Dorlock with KeyYesPadlockOptionalAccess Port1pc Q 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesPower Supply(V/HZ)220-240/60ReterletPower failure, Door ajar, Built-in USB datalogger failure, Communication failurePower Supply(V/HZ)220-240/60Rated Current(A)1,66 | Internal Size(W*D*H)mm | 500*485*532 |
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| Cooling Performance-25°CClimate ClassNControllerMicroprocessorDisplayDigital displayRefrigerationCompressor1pcCooling MethodDirect CoolingDefrost ModeManualInsulation Thickness(mm)00Defrost ModeAluminum plate with sprayingShelves3(ABS)Dot Lock with KeyYesPadlockOptionalAccess Port1pc. 0 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesPower failureSost failureSystemPower failurePower Supply(V/HZ)220-240/60Rated Current(A)1.66 | Temperature Range | -10~-25°C |
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| ControllerMicroprocessorDisplayDigital displayRefrigerationIpcCompressor1pcCooling MethodDirect CoolingDefrost ModeManualInsulation Thickness(mm)100ConstructionConstructionExternal MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesPamperatureHigh/Low temperature, High ambient temperatureSystemPower failureConstructionSensor failure, Door ajar, Built-in USB datalogger failure, Communication failurePower Supply(V/HZ)220-240/60Rated Current(A)1.66 | Cooling Performance | -25°C |
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| RefrigerationCompressor1pcCooling MethodDirect CoolingDefrost ModeManualInsulation Thickness(mm)100ConstructionExternal MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureFight/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66Accessories1.06 | Controller | Microprocessor |
| Compressor1pcCooling MethodDirect CoolingDefrost ModeManualInsulation Thickness(mm)100ConstructionExternal MaterialInner MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesTemperatureHigh/Low temperature, High ambient temperatureSystemPower failureConstructionSensor failure, Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66 | Display | Digital display |
| Cooling MethodDirect CoolingDefrost ModeManualInsulation Thickness(mm)100ConstructionExternal MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesTemperatureHigh/Low temperature,High ambient temperatureSystemSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66 | Refrigeration | |
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| Insulation Thickness(mm)100ConstructionExternal MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureFectrical220-240/60Rated Current(A)1.66 | Cooling Method | Direct Cooling |
| ConstructionExternal MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess PortIpc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66 | Defrost Mode | Manual |
| External MaterialPCMInner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesYesAcressHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failurePower Supply(V/HZ)220-240/60Rated Current(A)1.66 | Insulation Thickness(mm) | 100 |
| Inner MaterialAluminum plate with sprayingShelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66 | Construction | |
| Shelves3(ABS)Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperature, High Low temperature, High ambient temperatureSystemPower failureConstructionSensor failure, Door ajar, Built-in USB datalogger failure, Communication failurePower Supply(V/HZ)220-240/60Rated Current(A)1.66 | External Material | PCM |
| Door Lock with KeyYesPadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureFlectrical220-240/60Rated Current(A)1.66 | Inner Material | Aluminum plate with spraying |
| PadlockOptionalAccess Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66 | Shelves | 3(ABS) |
| Access Port1pc. Ø 25 mmCasters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66 | Door Lock with Key | Yes |
| Casters2+(2 leveling feet)Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66AccessoriesInterval | Padlock | Optional |
| Data Logging/Interval/Recording TimeUSB/Record every 10 minutes / 2 yearsBackup BatteryYesAlarmTemperatureTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66AccessoriesInterval/Recording Time | Access Port | 1pc. Ø 25 mm |
| Backup BatteryYesAlarmTemperatureHigh/Low temperature,High ambient temperatureSystemPower failureConstructionSensor failure,Door ajar, Built-in USB datalogger failure, Communication failureElectrical220-240/60Rated Current(A)1.66Accessories | Casters | 2+(2 leveling feet) |
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| Construction Sensor failure,Door ajar, Built-in USB datalogger failure, Communication failure Electrical 220-240/60 Rated Current(A) 1.66 Accessories Construction | Temperature | High/Low temperature, High ambient temperature |
| Electrical 220-240/60 Rated Current(A) 1.66 Accessories | System | Power failure |
| Power Supply(V/HZ)220-240/60Rated Current(A)1.66AccessoriesImage: Constant of the second of | | Sensor failure, Door ajar, Built-in USB datalogger failure, Communication failure |
| Rated Current(A) 1.66 Accessories 1.66 | Electrical | |
| Accessories | Power Supply(V/HZ) | 220-240/60 |
| | Rated Current(A) | 1.66 |
| Standard RS485,Remote alarm contact | Accessories | |
| | Standard | RS485,Remote alarm contact |

*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.



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