Haier Biomedical

Intelligent Protection of Life Science

-86°C ULT Freezer

DW-86W100J

Energy Saving

VIP(Vacuum Insulation Panel) design with extra insulation cuts down on heat loss to cabinet by 25% and helps reduce energy consumption by more than 20%,power consumption only 5 kWh/day

Low noise

High quality hermetically sealed compressor with innovative refrigeration cabinet design, noise level lower than 50dB(A), creating a comfortable working environment

Reliable

Cabinet temperature can reach -86°C with temp uniformity within 5°C

Complementary products

- CO_2 Backup Systems
- Chart Recorder
- Stainless Steel Racks
- Cryo Boxes

Specifications
DW-86W100J

Technical Data

Type	-86°C ULT Freeer
Cabinet Type	Chest
Climate Class	N
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	HC
Noise Lever (dB)	49

Performance

Cooling performance(°C)	-86
Temperature Range(°C)	-40~-86

Control

Controller	Microprocessor
Display	LED

Electrical Data

Power Supply(V/Hz)	220-240/50
Power(W)	550
Electrical Current(A)	4

Functions

High/Low Temperature	Y
Remote Alarm	Y
Hot Condenser	Y
Power Failure	Y
Sensor Error	Y
Low Battery	Y
High Ambient Temp	Y
Door Ajar	Y

Accessories

Caster	Y
Foot	Y
Test Hole	Y/1
Shelves/Inner Doors	-/1
Temperature Recorder	Optional
USB Interface	N/A
Rs232/485 Interface	Optional
CO_2 Backup System	Optional
LN_2 Backup System	Optional
Racks & Boxes	Optional

Dimensions

Capacity(L/Cu.Ft)	100/3.5	
Net/Gross Weight(approx)	138/160(kg)	304.2/352.7(lbs)
Interior Dimensions(W*D*H)	470*450*480(mm)	18.5*17.7*18.9(in)
Exterior Dimensions(W*D*H)	769*825*1120(mm)	30.3*32.5*44.1(in)
Packing Dimensions(W*D*H)	845*855*1250(mm)	33.3*33.7*49.2(in)
Container load (20'/40'/40'H)	12/24/48	

Accessories & consumables

DW-86 W100J

Consumables

Racks	Part Code
Model	DCJ-08-A
Q'ty/Layer	9
Dimension (W*D*H)	140*140*480(mm) 5.5*5.5*18.9(in)

Boxes	Part Code			
Model	T130	HBB-200-PP	HBB-281-PC	HBB-200-C
Material	PP	PP	PC	PC
Dimension (W*D*H)	133*133*53.5(mm) 5.2*5.2*2.1(in)			
Q'ty/Rack	8			

Total Q'ty				
Racks	9			
Boxes	72			
Vials	5832	7200	5832	7200

CO_2 Backup System

Model	HBX-IC
Temperature range	-40°C to -70°C

LN_2 Backup System

Model	HBX-ⅡA
Temperature range	-90°C to -135°C

Chart Recorder

Temperature range	+50°C to -115°C

Others

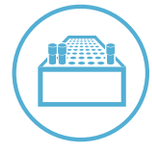
Certificate	CE

Complementary products

CO2 Backup Systems

Stainless Steel Racks

Chart Recorder



Cryo Boxes

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Note: If slight difference occurs between pictures and actual products, please refer to actual products. Our company reserves the right of final interpretation to this brochure and please contact with us for further information you might need.

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