

bitstrong Biomedical

-86°C ULT Freezer DW-86L828J



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 12 kWh/day



Slim design

Easily fits through every standard lab door and takes a small footprint



Reliable

Cabinet temperature can reach -86°C with temp uniformity within 4°C

Complementary products



CO₂
Backup
Systems



Chart
Recorder



Stainless
Steel
Racks



Cryo
Boxes

Specifications

DW-86L828J

Technical Data

Type	-86°C ULT Freezer
Cabinet Type	Upright
Climate Class	N
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	HC
Noise Level (dB)	50

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)	1000
Electrical Current(A)	10

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/2
Shelves/Inner Doors	3/4
Temperature Recorder	Optional
USB Interface	Y
Rs232/485 Interface	Optional
CO ₂ Backup System	Optional
LN ₂ Backup System	Optional
Racks & Boxes	Optional

Dimensions

Capacity(L/Cu.Ft)	828/29.2	
Net/Gross Weight(approx)	380/410(kg)	837.8/903.9(lbs)
Interior Dimensions(W*D*H)	870*716*1310(mm)	34.3*28.2*51.6(in)
Exterior Dimensions(W*D*H)	1145*980*1980(mm)	45.1*38.6*78.0(in)
Packing Dimensions(W*D*H)	1190*1045*2150(mm)	46.9*41.1*84.6(in)
Container load (20'/40'/40'H)	8/20/20	

Accessories & consumables

DW-86L828J

Consumables

Racks	Part Code	
Model	DCJ-55-A	DCJ-55-B
Q'ty/Layer	6	
Dimension (W*D*H)	138*685*293(mm) 5.4*27.0*11.5(in)	140*685*293(mm) 5.5*27.0*11.5(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	25			

Total Q'ty				
Racks	24			
Boxes	600			
Vials	48600	60000	48600	60000

Complementary products



CO2 Backup Systems



Stainless Steel Racks

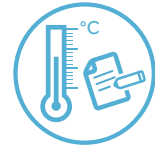
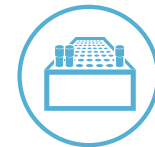


Chart Recorder



Cryo Boxes

CO₂ Backup System

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

LN₂ Backup System

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

Chart Recorder

Temperature range	+50°C to -115°C
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Others

Certificate	CE
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発売元

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