

## PRODUCT BULLETIN #18

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### New Product – Underbench 100L ULT Freezer

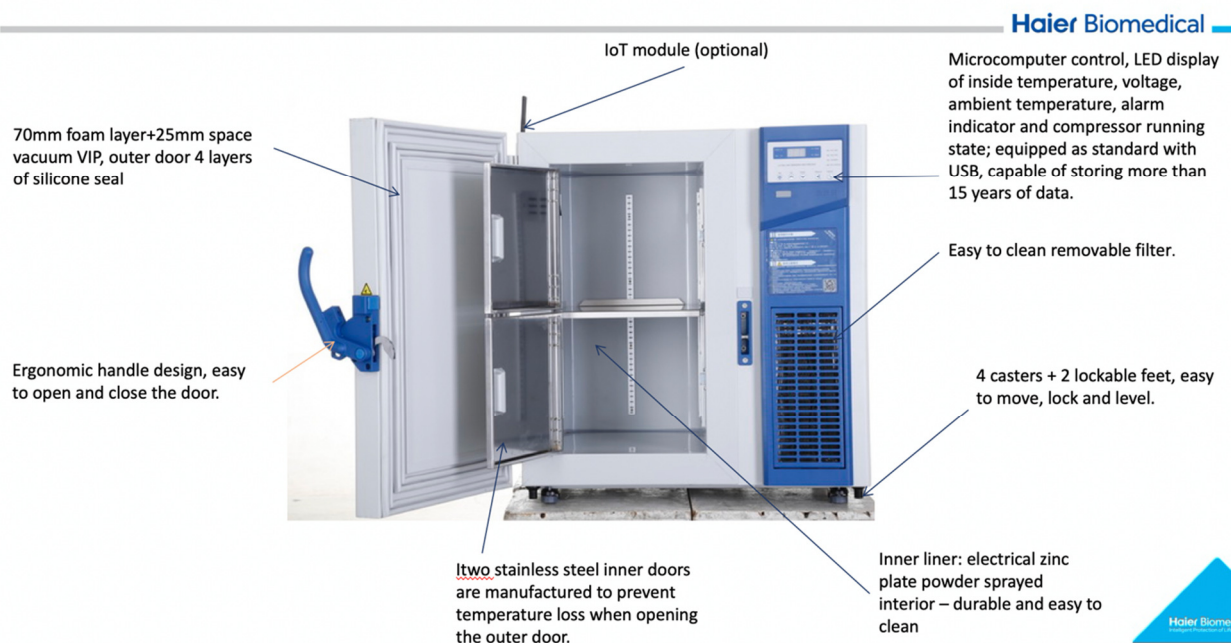
Haier Biomedical UK has added to its extensive range of ULT freezers with the addition of a new underbench ULT freezer - available for delivery mid-June.

Introducing DW-86L100J personal ULT freezer specifically designed for low temperature storage of biological products and samples such as viruses, bacteria and tissue. This is a flexible, 100L capacity under bench or on counter personal ULT freezer and it is stackable.



## Key Features:

- Eco-friendly hydrocarbon refrigerants lower the energy consumption, 5.5kWh/day
- Superior thermal insulation performance, 70mm super thick insulation layer design, 25 mm specialist vacuum insulation material and 4 layers of silicone seal, provide superior thermal insulation and energy saving effect
- Microprocessor controller with LED display - display precision 0.1°C, temperature set-point -40~-86°C(adjustable).
- Clear LED display shows internal temperature, ambient temperature and voltage simultaneously.
- Multiple alarms include high temperature alarm, low temperature alarm, sensor fault alarm, power off alarm, low battery alarm, open door alarm, high ambient temperature alarm.
- RS485 port and 5V cold chain interface
- USB interface as standard, download temperature historical data for compliance
- One access port
- Durable and safe cabinet construction.



Specifications

Model			DW-86L100J
Technical Data	Cabinet Type		Upright
	Climate Class		N
	Cooling Type		Air cooling
	Defrost Mode		Manual
	Refrigerant		HC
	Noise((dB(A))		46.8
Performance	Cooling Performance(℃)		-86
	Temp Range(℃)		-40~-86℃
Control	Controller		Microprocessor
	Display		LED
Electrical Data	Power Supply(V/Hz)		220~240/50
	Power(W)		680W(220V/50Hz)
	Electrical Current(A)		3A(220V/50Hz)
	Capacity(L/Cu.Ft)		100L
Dimensions	Net/Gross Weight(approx)	(kg)	108/132
		(lbs)	238/291
	Interior Dimension(W*D*H)	(mm)	330×481×630
		(in)	13×19×25
	Exterior Dimension(W*D*H)	(mm)	770×660×810
		(in)	30×26×32
	Packing Dimension(W*D*H)	(mm)	830x710x970
		(in)	33x28x38.5
Functions	Container Load(20'/40'/40'H)		44x88x88
	Remote Alarm		Y
	High/Low Temp		Y
	Hot Condenser		Y
	Power Failure		Y
	Sensor Error		Y
	Low Battery		Y
	High Ambient Temp		Y
Accessories	Door Ajar		Y
	Caster		Y
	Foot		4
	Porthole		1
	Shelves		1
	USB Interface		Y
	5V Power Supply Port		Y
	RS485 Port		Y

## Ordering Information

Part Code	Description
<b>DW-86L100J</b>	DW-86L100J Low Energy Underbench ULT (-80C), 100L capacity, ext. dims w*d*h 770*660*810mm

## Brochure Available



# Ferguson

## Scientific

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