DAIHAN® −86℃~−65℃ Personal SMART Multiuse ULT Freezer, UniFreez™ Single Compressor, I. Medicaluse & II. Lab-use

Smart-Lab™ with WiRe™ App, Programmable & Monitoring System, CFC-free Refrigerant, Upright- & Under Bench-type, 25 · 82Lit

Ideal for Secure Storage of Vaccine · Viruses · Anatomy Components · Bio-products · DNA · Blood · Tissue Samples etc. in Lab & Industry

퍼스널(소형) 스마트 다용도 안전 초저온 백신냉동고, 백신 · 바이러스 · 해부조직물 · Bio물질 · DNA · 혈액 · 티슈시료 등을 안전 보관 유지용



(2) 25Lit Laboratory ULT Freezer



(3) 82Lit Medicaluse Approved ULT Freezer



(6) 82Lit Lab. ULT Freezer Under Bench-type



Fig1 ; Under-bench Installation

Fig2 ; 2 unit Stacked with Optional Stacking Panel-set



It is possible to monitor and control the Smart-Lab™ equipment through all mobile phone, tablet without restraint of time and place.

Controlled by Mobile-Phone

- ■ *Made in Korea* ■ *CE Certified* ■ *PL (Product Liability) Insurance*
- ■ *UL, CUL Certified and GD mark(Only 82Lit Model)*
- ■ *With Certificate · Traceability · Delivery-information ; Controlled by Serial Number*
- ■ *UniFreez™ Single Freezing System : Ensure Robust and Long Life-cycle*
- ■ *Smart-Lab™ Control : Remote Controlled by Mobile-Phone with WiRe™ App Service*
  - Internet Connectivity with WiFi. - Storage Management & Automatic Temp Data Recording.
  - Ergonomic 7″ Full Touch Screen TFT LCD ; Easy Monitoring and Control.
  - Self-Diagnostic Function : Built in Standard Warning and Alarm Function

∗ Easy Maintenance and Improved Performance ∗ Robust & Flexible Design of Door Handle
∗ High-quality Insulation Panel and Inner Doors ensure Defrosting around Outer Surface.
∗ CFC-free Mixed Gas Refrigerant is used. ∗ External Temp Sensor Hole
∗ Filter-free Mechanism Lowers Heat Generated by the Compressor

I. Medicaluse Approved Model ; Built-in Temp Chart Recorder

II. Laboratory / Standard Model ; Without Recorder

Specifications & Ordering information

〈M1〉

Spec. \ Model-type		Upright-type		Under Bench-type
I. Medicaluse Approved		(1) "Fre25-B86" Max. 25Lit	(3) "Fre80-B86" Max. 82Lit	(5) "Fre80-B86U" Max. 82Lit
		with Built in Temp Chart Recorder Record Range : -100℃ ~ 0℃, divi 2℃ ; 7days/1Chart, 60Charts/Cs.		
II. Laboratory / Standard		(2) "Fre25-86" Max. 25Lit	(4) "Fre80-86" Max. 82Lit	(6) "Fre80-86U" Max. 82Lit
		without Temp Chart Recorder		
Capacity		25 Lit	82 LIt	
Temp Range		−86℃~−65℃ at R/T of 30℃ and Humidity of 70%		
Temp Resolution & Sensor		1℃ - Display, 1℃ - Control & PT100 Sensor		
Compressor		Hermetic-type		
Condenser-type		Block Condenser, No Pin, Filter Free Mechanism		
Refrigerant		CFC Free Mixed Gas Refrigerant(DH.MGR)		
Controller		Digital Feedback Controller	Smart-Lab™ ; 7″ Full Touch Screen TFT LCD	
Shelf(Included)		None	1ea Stainless-steel Shelf	None
Inner Door		None	2 Door Height 252mm	None
Max. Q'ty of Racks		None, Only 10~15 Boxes are applicable	4pcs of 12(4×3)-Placed Rack (RFU5234)	3pcs of 12(4×3)-Placed Rack or Max. 54 Box without Rack
Material	Internal	Stainless-steel(#304)		
	External	Powder Coated Steel		
	Inner Door	Powder Coated Stainless-steel(#304)		
Dimension (w×d×h)	Internal (cm)	20×42×30	34×48.5×52	52×48.5×34
	External (cm)	39×62.7×78.5	53×68.7×106	106.5×72.2×61.2
Weight		52 kg	60 kg	
Packing Size(w×d×h) (cm) & Gross Weight		88×86×130	96×76×135	135×76×96
		69 kg	102 kg	
Energy Consumption at -80℃		650VA	710VA	
Electric Reqts.		1Phase, AC 120V, 60Hz or AC 230V, 50/60Hz		

I. Medicaluse Approved Model ; Built-in Temp Chart Recorder

Cat. No.	230V	DH.FreB8025	DH.FreB8080	DH.FreB8080U
	120V	DH.FreB8026	DH.FreB8081	DH.FreB8081U
Price, Each. ₩		6,087,000	7,163,000	6,769,000

II. Laboratory / Standard Model ; Without Recorder

Cat. No.	230V	DH.FreL8025	DH.FreL8080	DH.FreL8080U
	120V	DH.FreL8026	DH.FreL8081	DH.FreL8081U
Price, Each. ₩		4,162,000	5,352,000	4,958,000

∗ Other Specifications are available upon Customer's Request.

※ 운임 별도

Optional Stacking Panel-set for Under Bench-type

		Set.	Price, ₩
DH.SWUF.SP02	(a) Stacking Panel-set, 590×126mm(3mm Thickness)	2ea	68,000



※ *Note! Optional Freezer Racks*
⇒ *See the "Refrigerators, Freezer Accessories" Section*

※ The Price(VAT is extra) for Korean End-user, and Changeable.