

| Articles | Cat. No | Description |
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DAIHAN® -86°C ~ -65°C SMART Multiuse ULT Freezer, UniFreez™ Single Compressor, **I. Medicaluse & II. Lab-use Smart-Lab™** with WiRe™ App, Programmable & Monitoring System, CFC-free Refrigerant, 393 · 503 · 714 · 812Lit
 Ideal for Secure Storage of Vaccine · Viruses · Anatomy Components · Bio-products · DNA · Blood · Tissue Samples etc. in Lab & Industry
 스마트 다용도 안전 초저온 백신냉동고, 백신 · 바이러스 · 해부조직물 · Bio물질 · DNA · 혈액 · 티슈시료 등을 안전 보관 유지용



ULT Freezer "Fre500-B86"

- Supplied by DAIHAN Korea ■ GD(Good Design)-mark ■ PL(Product Liability) Insurance
- 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
- * High-quality Insulation Panel and Inner Doors ensure Defrosting around Outer Surface
- * Automatic Vacuum Breaker : Easy to re-open the Door
- * Robust & Flexible Design of Door Handle * 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>

| | "Fre400-B86" Max. 393Lit | "Fre500-B86" Max. 503Lit | "Fre700-B80" Max. 714Lit | "Fre800-B80" Max. 812Lit |
|--|---|---|--|--|
| | I. Medicaluse Approved | with Built in Temp Chart Recorder Record Range : -100°C~0°C, divi 2°C ; 7days/1Chart, 60Charts/Cs. | | |
| II. Laboratory / Standard | "Fre400-86" Max. 393Lit | "Fre500-86" Max. 503Lit | "Fre700-80" Max. 714Lit | "Fre800-80" Max. 812Lit |
| | without Temp Chart Recorder | | | |
| Capacity | 393 Lit | 503 Lit | 714 Lit | 812 Lit |
| Temp Range | -86°C ~ -65°C | | -80°C ~ -65°C | |
| Temp Resolution & Sensor | at R/T of 30°C and Humidity of 70% | | | |
| Temp Resolution & Sensor | 1°C - Display, 1°C - Control & PT100 Sensor | | | |
| Compressor | Hermetic-type | | | |
| Condenser-type | Block Condenser, No Pin, Filter Free Mechanism | | | |
| Refrigerant | CFC Free Mixed Gas Refrigerant(DH.MGR) | | | |
| Controller | Smart-Lab™ ; 7" Full Touch Screen TFT LCD | | | |
| Shelf(Included) | 3ea(4-Inner Door), 4ea(5-Inner Door) Perforated Stainless-steel Shelves | | | |
| Max. Q'ty of Racks | 4-Inner Door (Height 31.2 cm) | 16pcs of 15(5×3)-Placed Rack (RFU4234) | 16pcs of 20(5×4)-Placed Rack (RFU4257) | 24pcs of 20(5×4)-Placed Rack (RFU4257) |
| | 5-Inner Door (Height 25.2 cm) | 20pcs of 12(4×3)-Placed Rack (RFU5234) | 20pcs of 16(4×4)-Placed Rack (RFU5257) | 30pcs of 16(4×4)-Placed Rack (RFU5257) |
| Material | Internal | Stainless-steel(#304) | | |
| | External | Powder Coated Steel | | |
| | Inner Door | Powder Coated Stainless-steel(#304) | | |
| Dimension (w×d×h) | Internal (cm) | 60×50×131 | 60×64×131 | 88×62×131 |
| | External (cm) | 84×75×190 | 84×89×190 | 112×87×190 |
| Weight | 260 kg | 300 kg | 320 kg | 380 kg |
| Packing Size(w×d×h) (cm) & Gross Weight | | 116×116×222 | 116×124×222 | 140×140×221 |
| | | 352 kg | 392 kg | 442 kg |
| Energy Consumption at 80°C | 1100VA | 1380VA | 1850VA | 2300VA |
| Electric Reqts. | 1 Phase, AC120V, 60Hz or AC 230V, 50/60Hz | | | |



※ Note! You can choose 4 or 5 Inner Doors Model



WiRe™ App Service

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

※ Note! Optional Freezer Racks, Boxes, etc.
 ⇒ See the "Refrigerators, Freezer Accessories" Section

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

| Cat. No. (4-Inner Door) | 230V | DH.FreB8400 | DH.FreB8500 | DH.FreB8700 | DH.FreB8800 |
|-------------------------|------|-------------|-------------|-------------|-------------|
| | | 120V | DH.FreB8401 | DH.FreB8501 | DH.FreB8701 |

II. Laboratory / Standard Model ; Without Recorder

| Cat. No. (4-Inner Door) | 230V | DH.FreL8400 | DH.FreL8500 | DH.FreL8700 | DH.FreL8800 |
|-------------------------|-----------|-------------|-------------|-------------|-------------|
| | 120V | DH.FreL8401 | DH.FreL8501 | DH.FreL8701 | DH.FreL8801 |
| | 230V/50Hz | - | - | - | DH.FreL8850 |

| Cat. No. (5-Inner Door) | 230V | DH.FreL84005 | DH.FreL85005 | DH.FreL87005 | DH.FreL88005 |
|-------------------------|-----------|--------------|--------------|--------------|--------------|
| | 120V | DH.FreL84015 | DH.FreL85015 | DH.FreL87015 | DH.FreL88015 |
| | 230V/50Hz | - | - | - | DH.FreL88505 |