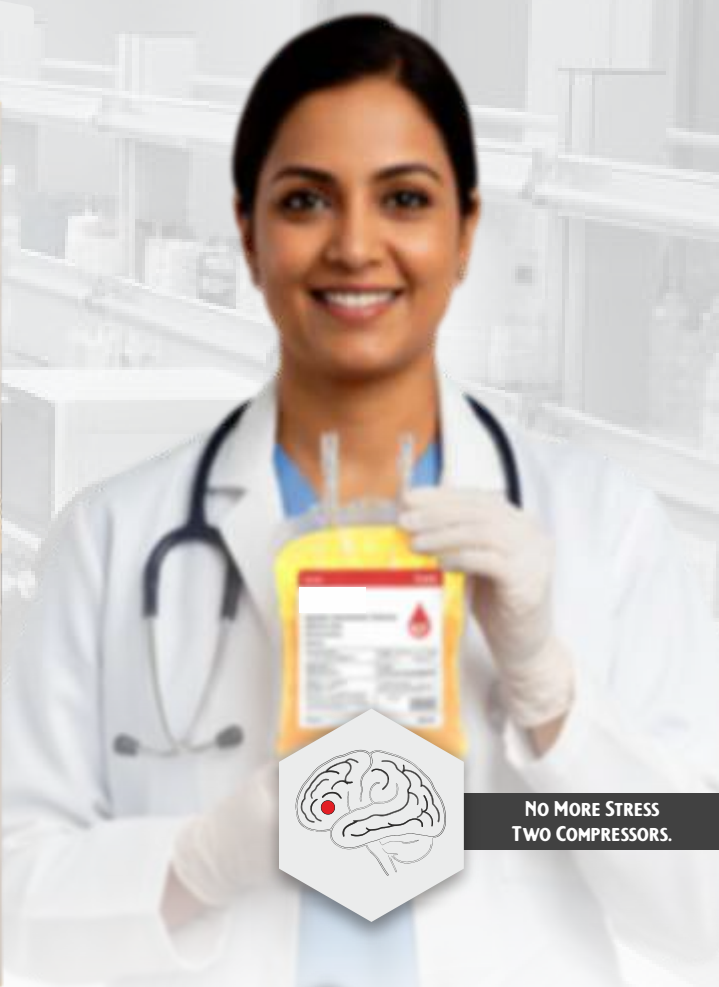
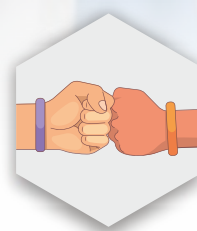




NO MORE STRESS
TWO COMPRESSORS.



ONE - PROMISE
UNINTERRUPTED -80°C



EVEN IF ONE COMPRESSOR FAILS,
KEEPS YOUR SAMPLES SAFE.

The failure of a ULT freezer isn't just a machine breakdown—it's a race against time. High-capacity freezers storing thousands of samples are a critical part of your Blood Bank/ lab's workflow. A single fault can cause massive stress, potential loss of precious samples, and disruption to vital research

CRYOFORT UL Series
Ensures your peace of mind

SMART TECHNOLOGY FOR SMART LABS & BLOOD BANKS



SMART INVERTER TECHNOLOGY

Variable speed compressors are coupled in the freezer, the compressors will work based on the loads and inter change fluctuation. The control system automatically tunes the speed of the compressors to optimize the operation.



ACTIVE ECO TECHNOLOGY OFFERS LOW ENERGY CONSUMPTION

Smart Inverter freezer coupled with environmentally safe and friendly hydrocarbon refrigeration system, allows the freezers to operate at a low level of energy consumption.



HIGH TEMPERATURE STABILITY

The innovative control algorithm balances the effects of temperature loss with the unique frequency conversion refrigeration system, ensuring the cabinet temperature stability.



VIP PLUS VACUUM INSULATION

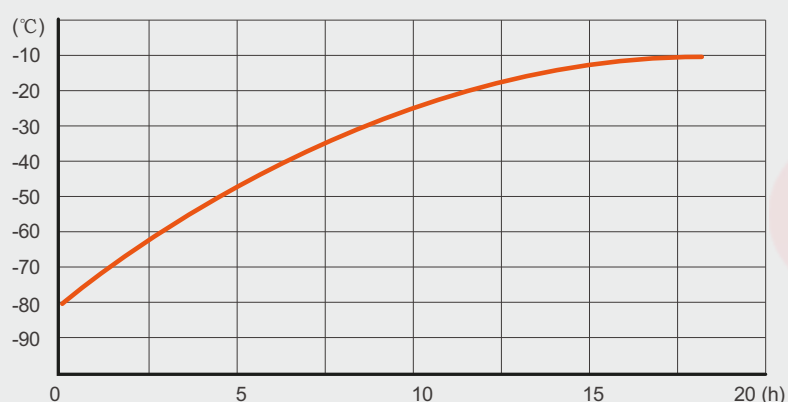
provides up to 30% more storage capacity than a conventionally insulated freezer.



DUAL COMPRESSOR TECHNOLOGY

offer the highest level of security for high-value samples. Using two independent refrigeration systems, if one system fails, the other can maintain the freezer's temperature uniformly in the -80° range.

GRAPH OF TEMPERATURE HOLD OVER TIME

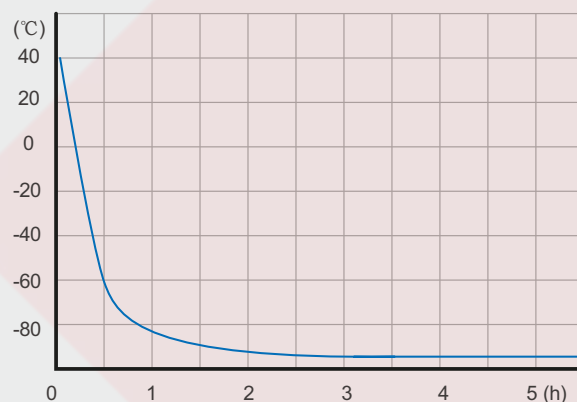


EXCEPTIONAL HOLD OVER PERFORMANCE even during power outage, the Cryofort UL maintains temperatures safely, taking 18 hours to rise from -80°C to -10°C

RAPID COOLING EFFICIENCY achieves ultra low temperature of -80°C from $+20^{\circ}\text{C}$ in just 3 hours at 25°C ambient, ensuring faster readiness for critical storage.

AMBIENT 25°C , for optimal performance. However, unit can perform on an Ambient upto 32°C

GRAPH OF TEMPERATURE PULL DOWN TIME



CRYOFORT UL Series

Protecting your plasma, Protecting your peace of mind

REAL TIME VISIBILITY, TOTAL CONTROL, UNCOMPROMISED SAFETY.

State of the art 10.1" advanced touchscreen driven monitoring and alert systems, offers precise control, complete visibility, and total confidence in sample protection.



10.1" LARGE TOUCH SCREEN

Multi Visual System empowers you to monitor temperature, humidity and alarms in real time.

Highest level of safety for your samples & regulatory compliance as you can access detailed data & trends with ease

USB INTERFACE FOR DATA DOWNLOAD

MULTI LAYER SILICONE SEALING

Provides tight seal for reducing heat exchange
Better holdover time & less energy consumption

HEATED PRESSURE EQUALIZATION PORT

For quick access of samples.



STAINLESS STEEL PLASMA STORAGE CONTAINERS (OPTIONAL ACCESSORIES AT ADDITIONAL COST)

Model No.: T01
Small size containers
Dimensions : 144 X 246 X130
Capacity- 6 Bags

Model No.: T02
Large Size Containers
Dimensions : 144 X 416 X130
Capacity – 12 Bags

STORAGE CAPACITY

Each shelf can accommodate both big and small plasma bag trays
(OPTIONAL ACCESSORY, AVAILABLE AT ADDITIONAL COST).

Big tray: 12 plasma bags × 12 trays = 144 bags
Small tray: 6 plasma bags × 12 trays = 72 bags

Vials Capacity : Cryofort UL 825 - Maximum upto 60,000 vials of 2ml
Cryofort UL 600 - Maximum upto 40,000 vials of 2ml



CHART RECORDER (OPTIONAL ACCESSORY)

Cryofort UL 600 - Placement on Side panel (door opening side)
Cryofort UL 825 - Placement on Front panel

Small Container Capacity
6 Nos. of bags



Big Container Capacity
12 Nos. of bags

CRYOFORT UL Series

Your samples, your trust, our promise of peace of mind

CRYOFORT UL Series

Complete peace of mind

TECHNICAL SPECIFICATIONS

MODEL	CRYOFORT UL 825	CRYOFORT UL 600
Cabinet Type	Upright	
Sound Levels (dB)	51	
Defrost Type	Manual	
Cooling System	Twin Cooling	
Refrigerant	HCFC Free	
Capacity (L)	838	601
External Material	High Quality Coated Steel	
Internal Material	Stainless Steel	
No. of Inner Doors	4 Nos.	
Controller	Microprocessor	
Display Panel	10.1" LCD touch Display (TFT), Password Protected	
Temperature Range (°C)	-40~ -86	
Product Dimensions (mm)(w*d*h)	1175*995*1980	895*995*1980
Inerior Dimensions (mm)(w*d*h)	885*720*1310	638*720*1310
Power Supply	220-240~V/50Hz	
High Temperature Alarm	Y	
Low Temperature Alarm	Y	
Door Alarm	Y	
Power failure Alarm	Y	
High Condenser Temperature Alarm	Y	
Low Battery Alarm	Y	
Backup Battery Endurance	15 hr display & alarm backup Rechargeable 12V, lead acid	
Sensor Failure Alarm	Y	
USB Interface	Y	
Frame anti-condensation	Y	
RS-485 Port	Optional	
Remote Alarm	Y	
5V power supply	Y	
Universal Wheel	Y	
Levelling Feet	Y	
Port Available	Temperature Probe	
Optional at additional Cost : Servo Controlled Voltage Stabilizer (Recommended 7 KVA)		
LN2/CO2 back up		
Supply : 220-240 Volts, 50 Hz, Single Phase		

REMI GROUP

Corporate Marketing Office

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