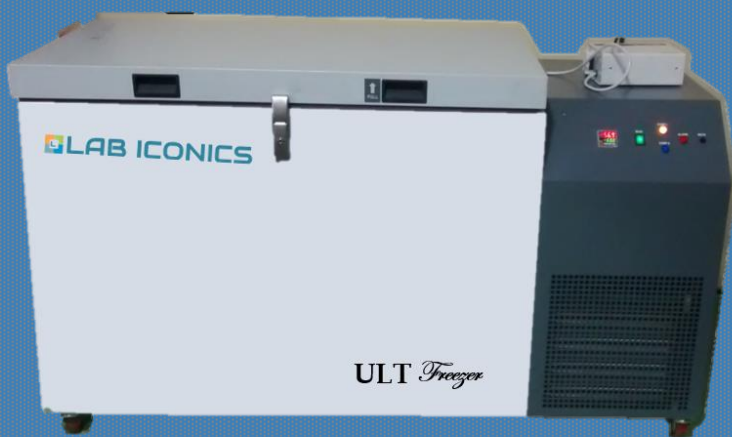


# ULT Freezer



+91 800 800 1805

[info@labiconics.com](mailto:info@labiconics.com)

[www.labiconics.com](http://www.labiconics.com)

## ULT Freezer

Lab Iconics make ULT (Ultra low temperature) Freezer is the most versatile and reliable Freezer which is designed to maintain a constant temperature. Our ULT freezers employ the cascade refrigeration (CR) system with Microprocessor based temperature control along with Dual Digital display with Set and Actual Internal Temperature. Adjustable temperature range from  $-40^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  with an increment of  $1^{\circ}\text{C}$ . High efficiency insulation plus cabinet and door-mounted gaskets contribute to energy-efficient performance.

Two types of Variants are available in the ULT Freezer they are Upright Freezer (Vertical Type) and Chest Freezer (Horizontal Type).

Lab Iconics make freezers are designed for storage of biological materials, blood banks, hospitals, epidemic prevention services, research institutes, and biotech storage applications etc where long-term sample preservation at precise temperatures is essential. We provide Customizable extended warranties and preventive maintenance plans.



## Features:

- *Microprocessor based, PID Digital Temperature Indicator and Controller.*
- *Easy-to-operate controller panel*
- *Large and bright LED display of temperature*
- *Equipped with Imported Compressor*
- *CFC free refrigerant*
- *Temperature Range: -40 °C to -80°C*
- *Resolution:  $\pm 0.1^{\circ}\text{C}$*
- *Capacity from 100 to 500 Litres*
- *Inner chamber made of Stainless Steel 304*
- *Adjustable Stainless Steel Shelf/ Trays*
- *Outer surface made of Mild Steel with 7 Cycle powder process coats; SS Optional*
- *Safety lock to prevent unauthorized access*
- *High grade Polyurethane foam Insulation (PUF) insulation*
- *Heavy duty castor wheels for easy movement.*
- *Micro PLC controller and 21 CFR Part 11 Compliance software - optional*



# Technical Specification

DEEP FREEZER	MODEL						
Vertical Type	DF-80L100	DF-80L200	DF-80L300	DF-80L350	DF-80L400	DF-80L450	DF-80L500
Horizontal Type	DF-80H100	DF-80H200	DF-80H300	DF-80H350	DF-80H400	DF-80H450	DF-80H500
Capacity in Ltrs	100	200	300	350	400	450	500
Temperature Range	Adjustable temperature range from -40°C to -80°C with an increment of 1°C.						
Controller	Microprocessor based controller with LED Display with Temperature Indicator cum Controller						
Compressor	Imported Compressor Embraco /Danfoss						
Refrigerant	CFC Free Refrigerant						
Display Resolution	±0.1°C						
Construction	Outer with M.S 18 swg (7 cycle process powder coat) Cabinet						
Main Door	Main Door with durable magnetic rubber gasket and sealed with PPCP material						
Cabinet Interior	304 grade Stainless Steel //(Optional Stainless Steel 316 on Request)						
Insulation	High Density Polyurethane Insulation (PUF)						
Condenser	Specially designed Condenser						
Trays	Perforated trays made of stainless steel						
Alarm	1) Audio-visual alarm for high/low temperature. 2) Power Failure Alarm 3) Door Ajar Alarm						
Caster	Caster: Smooth moving ball bearing type Castor wheels for moving entire equipment						
Air Filter	Front-mounted to be easily accessed by 1/4 turn screws						
Power	Single Phase 230 V AC, 50 Hz						

## Optional Accessories

- Racks & Freezer Boxes
- Inbuilt Thermal Printer
- Chart Recorder
- Voltage stabilizer
- Digital Timer
- Datalogger with inbuilt storage.
- Touch Screen Micro PLC Controller and 21 CFR PART 11 Compliance Software

*Note : The product design and specification are subject to change.*

For details, please contact:



## LAB ICONICS TECHNOLOGIES LLP

Flat No.412 Emerald Block  
My Home Jewel Apartments  
Madinaguda, Hyderabad – 500049  
India

M: +91 800 800 1805

L: +91 40 4952 8613

E: [info@labiconics.com](mailto:info@labiconics.com)

W: [www.labiconics.com](http://www.labiconics.com)

## Our Branch offices

### Hyderabad

Lab Iconics Technologies LLP  
Villa No. 447,  
Namaha Rhythm  
Kavya Avenue,  
Sai Anurag Colony,  
Hyderabad – 500090  
India

+91 800 800 1805  
E: [info@labiconics.com](mailto:info@labiconics.com)  
W: [www.labiconics.com](http://www.labiconics.com)

### Chennai

Lab Iconics Technologies LLP  
No.97, S1 Blossom  
Apartments  
Indira Nagar East 5th Street,  
Sendurpuram Extension 1,  
Chennai – 600056  
Tamilnadu  
India

+91 812 461 7222  
+91 910 006 0594  
[senthilnath@labiconics.com](mailto:senthilnath@labiconics.com)

### Vizag

Lab Iconics Technologies LLP  
1st Floor, H No.31-32-58,  
HIG-9, Phase – 3,  
Rajiv Nagar Colony,  
Kurmannapalem  
Visakhapatnam – 530046.  
Andhra Pradesh.  
India

+91 91000 60598  
[Ranjith@labiconics.com](mailto:Ranjith@labiconics.com)

### Mumbai

Lab Iconics Technologies LLP  
'AWKAASH', Menezes Wadi,  
Manickpur Pitha,  
Vasai Road(W)  
Dist. Palghar – 401202.  
Maharashtra.  
India

+91 9619461108  
[Ajay.Menezes@labiconics.com](mailto:Ajay.Menezes@labiconics.com)