Ultra-Low Temperature Freezer
-10°C to -86°C

Our Ultra Low Temperature Freezers are designed to preserve biological samples/specimens at stable temperatures from -10°C to as low as -86°C. These ULT Freezers are available in both upright and chest-types, and come in various sizes to fit all your research application needs. Applications can be found in blood banks, hospitals, epidemic prevention services, research institutes, laboratories in electronic and chemical plants, biological engineering institutes and marine fishery companies.

Features:

✔ Easy to operate
✔ Precise microcomputer temperature control
✔ Auto-defrost
✔ Forced-air circulation for enhanced temperature stability
✔ Easy-to-read LED temperature display
✔ Visual and audible alarm alerts
✔ High efficiency refrigeration system with double compressors
✔ Low-noise compressor
✔ Large temperature ranges for storing

Upright Freezer

Chest Freezer

Upright Freezer

VF 86U-188

VF 86H-400 / 500

VF 86U-588 (VIP)

Model	VF 86U-188	VF 86U-588 (VIP)	VF 86H-400	VF 86H-500
Dim. Ext (mm) W x D x H	830 x 810 x 1607.5	1191 x 871 x 1994.5	1890 x 790 x 1030	2185 x 790 x 1030
Dim. Int (mm) W x D x H	465 x 465 x 830	606 x 738 x 1310	1180 x 500 x 670	1460 x 500 x 670
Capacity	188L	588L	400L	500L
Internal Chamber	Stainless Steel			
Temp. Controller	Digital display microprocessor, increment 0.1°C with compressor delay start-up temperature offset for calibration mode, auto defrost high & low alarm			
Temp. Pull Down Rate	Ambient +25°C to -86°C approx. 3 to 5 hours			
Internal Air Circulation	Direct			
Refrigerant	CFC-Free Mixed Gas			
Insulation Foaming	100mm	100mm	100mm	100mm
Door Lock / Castor	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.
Adjustable Shelves	2pcs	3pcs	Nil	Nil
Inner Door	1 no.	2 nos.	Nil	Nil
Comp. Recip. Hermetic	2 x 1/2 HP	2 x 3/4 HP	2 x 3/4 HP	2 x 3/4 HP
Power Voltage	220Vac 50Hz Single Phase (60Hz for others)			
Standard LED Alarm System				
- Hi/Low Alarm	√	√	√	√
- Power Failure	√	√	√	√
- Low Battery	√	√	√	√
- Door Ajar	√	√	√	√
- Condenser Dirty Alarm	√	√	√	√
- High Ambient Temp. Alarm		√		
* Accessories (Optional)	Door Fan Switch			
Safety Features & Certification	ISO 13485, Electric Safety Test (EST) IEC 61010-1 (2010), GDPMD, ISO IEC 17025			