



REMI's new range of Ultra-Low Temperature (ULT) freezers are specially designed for faster temperature pull down & optimized cryopreservation. Highly sensitive microprocessor control ensures precise temperature management at -86°C

#### Salient Features :

- Efficient insulation with high core density reduces temperature loss
- Optimized compressor run ensures energy efficiency
- Hot line across the door assembly to prevent frost formation
- Efficient dual refrigeration system ensures fast temperature pull down
- Quadruplicate step silicon rubber gasket for complete insulation
- Independent internal foamed doors with plastic handle
- Smart Handle with LED door closure indication
- Audio Visual alarms for
  - Temperature high / low
  - Power failure
  - Battery Low
  - Door Open
  - Compressor on (only visual)
  - Power on (only visual)
- Settable points of
  - Temperature high / low
  - High / low temperature alarm point
  - Buzzer off time



**Data Acquisition System**

- Stores records of last 24 Hrs
- Displays Temp. Histogram



**Clever-Chip**

- Provides crucial backup to maintain temperature in event of controller failure



**DataSoft - Customized Software**

- Provides data Analysis & reports
- Remote Alarm & GSM mobile alert
- Network, PC & Printer connectivity



**Smart Handle**

- Indication of door close with **green** light
- Key Lock Control inner light
- Indication of door open with **blinking red** light

## Technical Data

Particulars	ULT 90	ULT 185	ULT 360
Internal Volume (Liters)	90	185	360
No. of trays	2	3	6
No. of Internal Door	1	2	4
Internal Dimensions W x D x H (mm)	400 x 400 x 580	510 x 510 x 730	700 x 510 x 1000
External Dimensions W x D x H (mm)	711 x 877 x 1405	820 x 987 x 1560	1010 x 987 x 1830
Operating Temperature Range	-45°C to -86°C		
Insulation (CFC free polyurethane foam)	Microprocessor with PT-100 sensor		
Temperature Control	Body : 150 mm sides, 300 mm Back, Door : 110mm		
Display	4" LCD		
Power Failure Alarm	Audio Visual Alarm		
Door Open Alarm	Audio Visual Alarm in case door open for over one minute		
Internal Body Material	S.S. 304 (AISI Grade, Non Corrosive, Non Magnetic)		
External Body Material	Powder Coated CRCA Steel		
Noise Level	Less Than 65 db(A)		
Battery Backup	Rechargeable, Back Up 8 hrs (for alarm system & temperature recorder)		
Recommended Voltage Stabilizer	VS 05	VS 06	
Supply 220-240 volts, 50 Hz, SINGLE PHASE			