

# REMI

# Ultra Low Deep Freezers

**NEW**  
INTRODUCTION



**REMI -86°C Ultra Low Deep Freezers** are suitable for strict storage requirements of biological products in hospitals, blood banks, scientific research institutions, biomedical engineering institutes, agriculture/fishery companies.

### Salient Features:

- **Dual Compressor Technology** - Two independent refrigeration systems (CFC free), if one system fails, the other can maintain the freezer's temperature uniformly in the -80°C range.
- **Smart-Inverter Technology** - automatically tunes the speed of the compressors to optimize the operation with frequency conversion.
- **Active ECO Technology** - significantly reduce energy consumption and maintain good interior temperature uniformity
- **VIP PLUS** - vacuum insulation panels provide up to 30% more storage capacity than a conventionally insulated freezer.
- **Multi-layer Silicone Sealing Structure** - retaining the inner temperature better when there is power failure.
- **10.1" TFT Touch Screen** - Visual management, real time display inner temperature, alarms, temperature curves and other data
- **USB Interface** - Enables users to download historical temperature data for compliance/auditing purposes.
- **Heated Pressure Equalization Port** - allows users to re-open the main door quickly when entering, rust-proof, freeze-free.
- **Door heating** - Reduces frost build-up, ease of door opening
- **Port** - For calibration probes / safety back up

| Technical Data                             |                                                                                           |                  |
|--------------------------------------------|-------------------------------------------------------------------------------------------|------------------|
| Model                                      | ULT - 825                                                                                 | ULT - 600        |
| Internal Volume                            | 825                                                                                       | 600              |
| Number of trays                            | 4                                                                                         | 4                |
| Internal Dimensions W x D x H (mm)         | 885 x 720 x 1310                                                                          | 638 x 720 x 1310 |
| External Dimensions W x D x H (mm)         | 1175 x 995 x 1980                                                                         | 895 x 995 x 1980 |
| Temperature Range                          | -40°C to -86°C                                                                            |                  |
| Insulation                                 | Vacuum Insulated Panels (VIP) + CFC free polyurethane foam                                |                  |
| Temperature Control                        | Microprocessor                                                                            |                  |
| Display                                    | 10.1" Touch Screen                                                                        |                  |
| Alarms                                     | Power failure, Door open, High/low Temperature, High Ambient, Sensor failure, Low battery |                  |
| Internal Body Material                     | Stainless Steel - 304 grade                                                               |                  |
| External Body Material                     | Powder Coated CRCA Steel                                                                  |                  |
| Noise Level                                | Less Than 65db(A)                                                                         |                  |
| Recommended Voltage                        | VS-07                                                                                     |                  |
| Supply: 220-240 Volts, 50 Hz Single Phase. |                                                                                           |                  |

Specifications subject to change without notice

