

REMI Deep Freezers are designed for storage of biological samples in biotech, life science, clinical research as well as medical & pharmaceutical specimens, serums, vaccines, blood components. These freezers are available with temperatures up to -20°C and -40°C. **These Deep Freezers are available in Standard & GMP versions.**



RQV-200 Plus

Salient Features :

- Unique design of thermal barrier for better energy efficiency
- Machine filled PUF insulation to eliminate void pockets
- Height Adjustable trays with 30 kg weight carrying capacity of each tray
- Port for calibration probes / safety back up
- Alarms for high/low set parameters & sensor failure
- Electrical circuit breaker
- Smart Handle with LED door closure indication
- **Optional Accessories:**
 - 4" LCD Display
 - 7" Touch Screen Display
 - Data logger for 8 Point temperature recording with software validation (mapping) consisting of one cycle for temperature at any one set point for 24 hours on empty and loaded condition
 - Standby Refrigeration System
 - **REMI Datasoft Pro** software complying to 21 CFR part 11 as per USFDA Guidelines (only with LCD & TFT versions)

Display options for Deep Freezers

LCD Display



Features

- 4 Inch attractive LCD display • Intelligent Controller helps maintain in case of sensor failure • Battery Backup for Temperature Controller • Auto tuning of controller • Self-Diagnosis for errors • Histogram format of 24 hours temperature recording • Settable High / low alarm points • Memory of upto 1000 records • Audio Visual Alarm • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

Touch Screen Display



Features

- 7 inch colour touch screen with PLC (Programmable logic controller) • Memory of upto 1500 records • Audio Visual Alarm • Ethernet port • Battery backup in case of power failure for display, alarms & off line data log in • Logic based functioning of standby systems of Refrigeration / Humidity • Remote Alarm Output

Remi 'Datasoft' Data acquisition software with password protection, secured audit trail, alarm status in tabular and graphical format included

REMI 'DATASOFT Pro'

Features

- 1. Web-Based Software Accessibility** Web-based software accessible through browser helps instantly connect REMI chambers from anywhere only to authorized users.
- 2. Multi-Device Connectivity** Multiple REMI chambers up to 30 devices connected to single software.
- 3. Network Connectivity** Ethernet based having LAN connectivity helps authorized person to login into software from any PC connected to server.
- 4. Multi-User Collaboration** Multiple hierarchy levels to view, analyze, e-Review, e-Approval, e-Comment on data with role-based access control
- 5. Alert & Notification System** Mobile and email alert of alarms, events to pre-scheduled persons with SMS, real-time app-based notifications, and DND policies
- 6. Digital Acknowledgment** Alarm acknowledgement with e-signatures and comprehensive audit trail compliance
- 7. Regulatory Compliance** Secured audit trail report and calculation of MKT for any days with 21 CFR Part 11 compliance features
- 8. Backup System** Automatic and manual both type of daily data backup with scheduled intervals, compressed files, and complete restoration capabilities
- 9. Data Management** Additional features of data archival & data restore with retention policies and database integrity checking
- 10. Access Control Integration** Biometric Device Integration with door access data integrated into REMI Web Based software including fingerprint authentication and access logging
- 11. Advanced Reporting & Analytics** PDF report generation, scheduled reporting, and real-time data visualization
- 12. VReal-Time Monitoring** Live data updates, interactive dashboards, and real-time alarm monitoring with instant notifications
- 13. Communication Protocols** Support for Modbus RTU/TCP, serial communication (RS232/RS485), TCP/IP Ethernet

Technical Data								
Model	RQV-200 Plus	RQV-300 Plus	RQV-400 Plus	RQV-500 Plus	RQV-600 Plus	RQVD-200 Plus	RQVD-300 Plus	RQVD-400 Plus
Internal Volume (Litres)	200	300	400	500	600	200	300	400
Number of trays	2	3	4	5	6	2	3	4
Internal dimension (W × D × H) (mm)	580x555x715	580x555x1010	580x555x1340	660x765x1050	660x765x1250	580x555x715	580x555x1010	580x555x1340
Internal dimension (W × D × H) (mm)	740x780x1305	740x780x1600	740x780x1930	800x975x1620	800x975x1820	740x780x1305	740x780x1600	740x780x1930
Minimum Temperature	-20°C					-40°C (AC Room)		
Insulation (CFC free polyurethane foam)	80 mm minimum for Body & 80 mm for Door							
Temperature Control	Microprocessor							
Display	1" - 7 Segment, Big Size LED							
Power Failure Alarm	Visual Alarm							
Door Open Alarm	Audio Visual Alarm in case door open for over one minute							
Illumination	No							
Internal Body Material	Stainless Steel - 304 grade (Standard Models), Stainless Steel - 316 grade (GMP Models)							
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel - 304 grade (GMP Models)							
Noise Level	Less Than 65 db(A)							
Recommended Voltage Stabilizer	VS-02	VS-02	VS-03	VS-03	VS-03	VS-02	VS-03	VS-03
Supply: 220-240 Volts, 50 Hz Single Phase.								

Specifications subject to change without notice