

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

Specifications subject to change without notice



Deep Freezers

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)	580x555x 715	580x555x 1010	580x555x 1340	660x765x 1050	660x765x 1250	580x555x 715	580x555x 1010	580x555x 1340
Internal dimension (W × D × H) (mm)	740x780x 1305	740x780x 1600	740x780x 1930	800x975x 1620	800x975x 1820	740x780x 1305	740x780x 1600	740x780x 1930
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.								

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