REMI

Cold Cabinets

Performance

- Temperature range 2°C to 12°C
- Powerful fan motor for forced air circulation to maintain uniform conditions inside chamber
- Validation protocol with IQ, OQ, PQ Documentation as per ICH guidelines

Leading Technology

- Machine filled PUF insulation to eliminate void pockets
- Unique design of thermal barrier for better energy efficiency
- Hermetically sealed Compressor with CFC free refrigerant
- Microprocessor controller with LED display
- Sensor failure alarm

User Friendly

- Digital LED display of Temperature with set, process value & audio visual alarm
- Chamber calibration port on side
- Adjustable trays
- Data logger for 8 Point temperature recording with sensor, printer interface and software (Optional)
- **Also available 4" LCD version with additional features (Details overleaf)**

Safety

- Alarms for high / low set parameters
- Electrical circuit breaker
- Time delay for compressor switch on
- Overload cut off relay for compressor

The REMI Cold Cabinets are designed for bio sample storage applications in pharmaceutical, microbiology, biotechnology, chemical & research labs.

These cabinets are available in standard & GMP versions.

REMI

Cold Cabinets

PLUS
Performance
Leading Technology
User Friendly
Safety

Additional Features for LCD version:-

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain temperature in case of sensor failure
- Battery Backup for Temperature Controller
- Auto tunning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Power failure and resumption recorded with date and time
- Settable High / low alarm points
- Memory for storage of upto 1000 records
- Centronic interface to record Temperature, Date, & Time by attaching Dot Matrix printer with adjustable print interval
- Alarm on equipment / output for remote alarm
- PC communication through RS-485 with data acquisition software
- Remi *Datasoft* Data acquisition software complying to 21 CFR part 11 as per USFDA Guidelines (optional)

Features of Remi *Datasoft* Software as per 21 CFR part 11 requirements

- Multiple level alpha numerical password with password ageing
- Electronic signature and menu entered comment
- Secured audit trail report
- Alarm report with mention of alarm condition
- Mean Kinetic Temperature able to be calculated for any days & alarm deviation report
- Reports in graphical and tabular form
- Data Stored in PC server with Lan connectivity and can be monitored on any PC with password authentication
- Multi chamber data acquisition on single software
- Communication through RS 485 / TCP-IP

GMP versions are available only with LCD display with its built-in features and software

DD/MM/YY
Print Interval
Real Time Clock
Unit Identification Number
Actual Inside Temperature
Increment Key
Set Key
Programming Key
Decrement Key

Cold Cabinets
04°C

Actual Inside Temperature
Increment Key
Set Key
Enter Key
Mute & Scroll Key
Decrement Key

4.0

Histogram

Technical Data

	CC - 6 Plus	CC - 10 Plus	CC - 12 Plus	CC - 16 Plus	CC - 19 Plus	CC - 28 Plus	CC - 35 Plus
Internal Volume (Litres)	200	280	370	450	540	800	1000
Number of trays	2	3	4	5	6	6	7
Dimensions W x D x H (mm)	660x655x450	660x655x650	660x655x850	660x655x1050	660x655x1250	800x800x1250	800x800x1580
External Dimensions W x D x H (mm)	800x1095x1020	800x1095x1220	800x1095x1420	800x1095x1620	800x1095x1820	960x1370x1950	960x1370x2270
Temperature Range & Accuracy	2°C to 12°C, ± 0.5°C						
Temperature control	Microprocessor with PT-100 sensor						
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						
Temperature Variation Alarm	Set Temperature ± 2°C, Audio Visual Alarm						
Illumination	8 Watts Fluorescent Tube						
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)						
Insulation	70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam						
Noise Level	Less Than 65 db(A)						
Recommended Voltage Stabilizer	VS-02	VS-02	VS-02	VS-03	VS-03	VS-06	VS-06
Electrical	220-240 volts, 50Hz, Single Phase						

Specifications subject to change without notice