

Plasma Freezer



REMI Plasma Freezer are designed to meet the storage requirements of Plasma.

- **Cabinet Construction:**

Durable, corrosion resistant materials are used to provide years of reliable performance. The outer body is made up of powder coated CRCA Steel & internal cabinet of Stainless Steel 304 (AISI Grade, Non Corrosive and Non Magnetic).

- **Temperature Control & Monitoring:**

Microprocessor integrated system provides excellent temperature accuracy. 7 days chart recorder & audio visual alarm system helps to indicate disturbance in storage conditions.

- **Variants:**

REMI Plasma Freezer available as RPF & RPF Ultra variants. Both the variants are available in 2 different capacities.

Salient Features :

- Precise temperature management with the help of highly sensitive microprocessor controller: -40°C
- High density insulated cabinet & outer door, with inner insulated S.S. doors to minimize cold air loss during door openings.
- Large display of temperature with all the controls on the door & at eye level for ease of operation
- Audio / Visual alarms for
 - Temperature high / low
 - Power failure
 - Door Open
 - Compressor on
 - Power on
- Battery backup for alarm system, temperature display & chart recorder
 - Standard: 8Hrs (inbuilt rechargeable batteries)
 - Extended (Optional): 24 Hrs (with UPS and rechargeable batteries)
- Settable points of
 - Temperature high / low
 - Adjustable temperature range
 - High / low temperature alarm point
 - Buzzer off time (LCD)
- Auto Door Closure
- Smart Handle :
 - Indication of door close with green light
 - Key Lock
 - Indication of door open with blinking red
- Vacuum Release Port
- Port for Co₂ backup (Optional)



RPF 336



Plasma Freezer



LED Display



LCD Display

LCD Display

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain temperature in case of sensor failure
- Auto tuning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- 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

Technical Specifications

Technical Specifications				
Parameters	RPF 224	RPF 224 Ultra	RPF 336	RPF 336 Ultra
Temperature control	Microprocessor		Microprocessor	
Display	LED	4" LCD	LED	4" LCD
Internal dimensions W x D x H (mm)	580 x 555 x 1010		580 x 555 x 1340	
External dimensions W x D x H (mm)	740 x 780 x 1600		740 x 780 x 1930	
Gross internal volume	325 Ltrs.		425 Ltrs.	
Capacity of plasma bags	360		480	
Number of Racks (Adjustable)	3		4	
Number of inner doors	3		4	
Drawer capacity	Maximum 120 bags			
Minimum Temperature (in AC Room)	Up to -40°C			
Internal body material	S.S. 304 (AISI grade, Non corrosive, Non magnetic)			
External body material	Powder coated CRCA steel			
Insulation	High density upto 80mm CFC free polyurethane foam			
Recorder	Seven days circular chart recorder			
Noise level	Less than 65 db(A)			
Battery backup	Rechargeable maintenance free for Alarm System, Temperature Display & Chart Recorder			
Power Failure Alarm	Audio visual alarm			
Recommended voltage stabilizer	VS 03			

Supply: 220-240 Volts, 50 Hz Single Phase.

