



The natural choice...



ISO  
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## CENTRIFUGES



- Wide range of Centrifuges to meet varying applications in HEALTH – BLOOD BANK – RESEARCH – PHARMA- BIOTECH Applications
- Designed for safety, sturdiness and easy to operate and maintain
- User friendly operating system
- In-House designed and produced specific application drive motors and electronics for trouble free longer life and quick service backup.



**MP 6000 R**



PP Blood Bag Carrier



Swing Out Rotor With Wind Shield 6 X (2x500) ML

**TECHNICAL SPECIFICATIONS :**

Dimensions (mm): Width-860 x Depth-960 xHeight-965	Weight: 285 Kgs.
Maximum speed: 4800 RPM. Max. RCF: 6000 xg	Max. capacity : 6 x (2x500 ml) = 6000 ml
Max. Blood Bag Size 500 ml quadruple system.	Connected Load – 10 kVa

**Rotor Head capacities offered**

Model	Capacity- Quadruple Blood Bag System	Max. RPM	Max. RCF x g
MP 6012	12 Blood Bags of 450 ml blood	4500	6000
MP 6006	6 Blood Bags of 450 ml blood	4500	6000
MP 6008	8 Blood Bags of 450 ml blood	4800	5650

**COMPLETE RANGE OF BLOOD BANK EQUIPMENTS OFFERED. DONOR COUCH - BLOOD COLLECTION MONITOR - PLASMA EXPRESSOR - PLATELET AGITATOR - PLATELET INCUBATOR - THAWING BATH - ULTRA PLASMA FREEZER - DEEP FREEZER - BLOOD BANK REFRIGERATOR - DOUBLE PAN WEIGHING SCALE - ETC. CALL FOR CATALOGUE.**

**Blood Bank Refrigerated Centrifuge :  
MP 6000 R & MP 6000 RT**

Blood Bank Refrigerated centrifuges for component separation. The high volume centrifuges are offered with different capacity rotor heads. The centrifuge with microprocessor control designed for safe and easy operation.

**Technical Features:**

- Brush less maintenance free AC Induction motor specifically designed and in house manufactured.
- Microprocessor control with programmable parameters for ease and convenient operation.
- Sturdy steel body, floor model with castor wheel and anti vibrator leveling jack.
- Double walled lid with hydraulic lifting & Holding for convenient operation. See through window for calibration of speed
- Electrical, electronic and mechanical lid lock ensuring maximum safety, preventing lid open during operation. Programmed lid lock release in case power failure.
- CFC Free cooling system to maintain set temperature with standby cooling and precooling facility.
- Stainless Steel centrifuge chamber with condensed water drainage system.
- Sturdy Swing Out Rotor Head with wind shield. Sterilizable metal buckets and PP carriers.

**MICROPROCESSOR CONTROL FOR PROGRAMMABLE FEATURES & DISPLAY ON SCREEN**

**MP 6000 R with microprocessor control, soft touch key pad for ease of operation and LED display of setting and working parameters.**

**MP 6000 RT with colour TFT Touch Screen for programing parameters and display of set and working parameters.**

**Programmable features and displays :**

- 99 Program Memory with optional Password protection for set program
- Speed in the range of 100 to 5000 RPM with 10 RPM increment. Speed can also be set by programing requisite RCF value when system will determine and set the speed for the set RCF value
- Countdown Timer in the range of 1 to 120 minutes with 1 minute increment and infinite mode. At set programmed system start count down only when the set speed attained by the rotor head.
- Acceleration and Deceleration time user programmable in the range of 40 to 450 Seconds
- Temperature programmable in the range of -20 to +40 degree C with 1 degree increment, Working Chamber environment temperature in the range of -5 to +40 degree C depending on Rotor capacity and speed. Pre-cooling and standby cooling provided. Cooling system will continue maintaining the set temperature until switch off, for the safety of the contents in the chamber.

**DISPLAYS AND SAFETY SYSTEMS:**

- Continues display of working speed of rotor head. Display of working RCF value by selection key.
- Remaining time of the set value.
- Working Chamber Temperature.
- Rotor in motion. Safety indication for lid opening.
- Rotor Imbalance indication and auto switch off of drive motor. Error message on display screen.
- Lid lock release in case of power failure.
- Zero start safety system which allows start/ restart system from zero speed to programmed speed depending on the acceleration time programmed.
- Hydraulic lid system for easy lifting and holding the lid.

\*Optional: Data Downloading through computer software using RS 232/485 port Interface.