

High Volume Centrifuge for Research & Biotechnology

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RC 7500

The range of Hi-Volume Centrifuges are designed for large capacity centrifuge tubes, bottles and blood bags. These centrifuges are mainly used in chemical and pharmaceutical processing, Biotech Labs, Blood Banks etc. where large volume tubes, bottles and blood bags are used.

RC 7500

Features :

- This versatile unit has speed ranges of up to 5000 RPM.
- The control panel incorporate step less speed control, Digital speed meter.
- The Centrifuge is provided with CFC Free Cooling system.
- The unit is provided with control panel comprising auto/variatic speed control.
- Digital speed indicator.
- 1-99 minutes Digital timer cum indicator with Alarm at automatic switching off.
- Dynamic brake, Digital Temp. control cum indicator with a range of -2 °C to + 40 °C.
- Specially designed cooling system allow pre-cooling of rotor head and also allow the cooling system to work even when the centrifuging operation is complete, thereby eliminating damage to heat sensitive material.

Safety :

- Zero start interlock.
- Lid locking switch.
- Unbalance safety cutoff.
- Gas spring fitted fail safe door.

Design :

- Heavy Duty floor model unit suitable for varying centrifuge applications in Blood Banks, Clinical Laboratories, Chemical and pharmaceutical Industries, Biotechnology and Research Institutions.
- The Centrifuge chamber is made of stainless steel and is effectively insulated and separated from other parts.

MP 4500

- Floor model centrifuge is heavy duty unit fabricated from steel and epoxy coating.
- Microprocessor controls provided has 99 program memory.
- Brush less induction motor drives.
- The microprocessor control is provided with programmable variable speed control up to 5000 RPM with 10 RPM increment.
- Continues read out of working RCF Value.
- 1 to 120 minutes timer programmable in 1 minute increment with infinite mode.
- User programmable Acceleration and Deceleration time range from 40 seconds to 450 seconds.
- Mechanical and Electronic lid lock with indicator.
- Imbalance indicator and LCD display of set and working parameters.
- Gas spring fitted fail safe door.

Technical Data

(RC 7500 & MP 4500)

RC 7500 : (W) 860 mm x (D) 960 mm x (H) 965mm, Weight 285 Kg
 MP 4500 : (W) 750 mm x (D) 850 mm x (H) 905mm, Weight 200 Kg
 Connected Load : 4 kVA.
 Max. Speed : 4500 RPM, Max. RCF 6150 xg.
 Max. Tube Size : 1500 ml, Max. Capacity: 7500 ml.

Swing Out Rotor Heads and carriers for Blood Bank Applications suitable for Centrifuge Model RC 7500

Model	Cap./ml	RPM	RCF xg
SC 7501W + 7501 AW	6 Blood Bags of 450 ml (Triple Bag System)	4500	5000
SC 7504W + SC 7504 AW	4 Blood Bags of 450 ml (Triple Bag System)	5000	6150

Swing Out Rotor Heads and carriers suitable for General Application in Centrifuge Model MP 6000R, RC 7500 and MP 4500

Model	Cap./ml	MP 6000R		RC 7500		MP 4500	
		RPM	RCF	RPM	RCF	RPM	RCF
SC 7501+SC 7501A	6x1250 Bottle	2600	2700	2800	2700	-	-
SC 7501+SC 7505	6x(4x100) ml Tubes	3200	3300	3200	3300	-	-
SC 7501+SC 7506	6x(8x50) ml Tubes	3200	3300	3200	3300	-	-
SC 7501+SC 7507	6x(24x1.5/2) ml Tube	3200	3300	3200	3300	-	-
SC 7501-SC 7508	6x(58x5) ml Tube	3200	3300	3200	3300	-	-

Fixed Angle Rotor Heads suitable for use with Centrifuge Model MP 6000R, RC 7500 & MP 4500

Model	Cap./ml	MP 6000R		RC 7500		MP 4500	
		RPM	RCF	RPM	RCF	RPM	RCF
SC 7701	6x500	4500	3850	4500	3850	4500	3850
SC 7702	8x250	4500	3850	4500	3850	4500	3850
SC 7703	12x100	4500	3850	4500	3850	4500	3850
SC 7704	16x50	4500	3850	4500	3850	4500	3850
SC 7705	36x25	4500	3850	4500	3850	4500	3850
SC 7706	72x15	4500	3850	4500	3850	4500	3850



SC 7501 W & SC 7501 AW

* All microprocessor centrifuges can be offered with CE Marking. 2