



RC 7500



**DISPLAYS AND SAFETY SYSTEMS:**

Continues display of working speed of rotor head.	Remaining time of the set value and audible alarm at switching off
Audible alarm at auto switch off – set time elapse.	Working Chamber Temperature
Zero start safety system which allows start/ restart system from zero speed only.	Hydraulic lid system for easy lifting and holding the lid.

**TECHNICAL SPECIFICATIONS:**

Dimensions: Width-860 mm. Depth-960 mm. Height-965 mm	Weight: 285 Kgs
Connected Load :10 kVa	Maximum speed: 4500 RPM. Max. RCF: 5000 xg
Max. Blood Bag Size 500 ml quadruple system.	Max. capacity : 6 x 500 ml

**Blood Bank Refrigerated Centrifuge RC 7500**

Blood Bank Refrigerated centrifuges for component separation. The high volume centrifuge offered is an economy model, with digital controls and soft touch key pad for ease of operation.

**RC 7500**

**Technical Features :**

- Drive with DC motor specifically designed and in house manufactured.
- Digital control with soft touch key pad 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. Blood Bag carriers sterilizable metal buckets.

**CONTROL WITH SOFT TOUCH KEY PAD & FEATURES :**

- Autovariac step less Speed control . Digital display of working speed.
- Countdown Timer in the range of 1 to 99 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.
- 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.

**SWING OUT ROTOR HEAD WITH WINDSHIELD FOR BLOOD BANK APPLICATIONS : MODEL RC 7500**

Model	Capacity- Quadruple Blood Bag System	Max. RPM	Max.RCF xg
SC 7501W +SC 7501 AW	6 Blood Bags of 450 ml Blood	4500	5000

The centrifuge designed for general laboratory application in Clinical Pathology labs and other application where low volume low speed applications called for.



TC 452

**TC 450 D**

**Features :**

- Sturdy and safe steel body.
- The centrifuge and the drive motor assembly mounted on anti vibrators
- Double walled lid with see through window for observation and calibration
- Safety lid switch which allows the centrifuge operation only with closed and locked door
- Lid open error indication on screen
- Imbalance safety switch off with error indication on screen
- At set timer start count down when set speed attains
- Control Panel with soft touch key pad for ease of operation
- LCD display of setting and working parameters.

**LABSPIN CENTRIFUGE MODEL TC 450 D**

**Programmable Controls:**

Speed	200 to 5000 RPM
Time	1 to 99 minutes & infinite mode& At set timer
Acceleration / Deceleration	30 to 300 seconds- User programmable
Memory	Last used program
Rotor Head Selection	Rotor ID programmable from the system library. This allow over speed protection and RCF value display
Displays- Setting	RPM- 10 RPM increment * Timer- 1 mt. increment *Acceleration/ Deceleration- 1 second increment
Display – Working	Working Speed / Working RCF by selection * Remaining time

**Choice Of Interchangeable Rotor Heads For Tc 450 D**

Model	No. tubes x cap/ml	Type of Rotor	Max. RPM	Max .RCF x g
TC 451	8 x 15	Swing Out	4000	2400
TC 452	8 x 15	Angle	5000	3450
TC 453	4 x 50	Swing Out	4000	2400
TC 454	4 x 50	Angle	5000	3650
TC 455	12 x 15	Angle	4000	2950
TC 457	4 x 50 (PRP Nakoda Tubes)	Swing Out	4000	2400
TC 458	24 x 1.5 /2 ml (Eppendorff)	Angle	5000	2300

**Technical Specifications:**

Width x Depth x Height (mm)	320 x 410 x 290	Weight (Kgs)	16.5
Connected Load)	0.18 kVa	Max. Speed (RPM)	5000
Max. RCF xg	3650 xg	Max. Tube size (ml)	50 ml

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. Data Downloading through computer software using RS 232/485 port Interface.