



The natural choice...

CE, ISO 9001:2015 - ISO 13485:2016

elektrocraft (India) pvt.ltd.

**First Company in India to Manufacture
16 Blood Bag centrifuge**



Thrombota - 16 R

Blood Bank Refrigerated Centrifuge

For 16 Blood Bags

Technical Specification -Blood Bank Centrifuge Thrombota - 16 R

1	Controller type	PLC control with 7" 16:9 TFT LCD Touch screen
2	Dimensions	Height-930 mm, Width- 880 mm, Depth-960 mm
3	Net Weight	400 Kgs.
4	Temperature Range	-20°C To +40°C, adjustable to 1°C
5	Centrifuge Type	Refrigerated Blood Bank Centrifuge
6	Capacity	16 x 500 ml Blood Bags
7	Make	ELTEK
8	Max. Speed	4500 RPM
9	Max. RCF	6000 x g
10	Running Time	1 Minute to infinite mode (1-minute increments)
11	Certification and	ISO 9001 - 2015
	Compliances	ISO 13485 - 2016 CE/European CE
12	Model Name	Thrombota-12 R
13	Electrical Requirements	415 volt \pm 10 % , 50 Hz, 3-Phase
14	Drive System	High Torque brushless Induction Motor
15	Green Features	Energy efficient and refrigeration stops when door open

Salient Features

- Drive system consists brushless maintenance free AC induction motor specifically designed and in house manufactured.
- PLC control with programmable parameter for ease and convenient operation.
- Sturdy steel body ABS lid and front panel, floor model fitted with castor wheel and antivibration leveling jack .
- Lid fitted with hydraulic lifting and holding for convenient operational facilitates see through window for calibration of speed
- Double electronic lid lock ensuring maximum safety and preventing lid open during operation. emergency lid lock release in case of power failure.
- CFC free cooling system to maintain set temperature with standby cooling and precooling facilities.
- Stainless steel centrifuge chamber with condensed water drainage system .
- Sturdy swing out rotor head with wind shield and spinning cover sterilizable metal buckets and PP carriers.
- 125 program memory with optional password protection for set program.
- Speed in the range of 100 to 4500 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.
- Timmer in the range of 1 to 120 minutes with 1 minute increment and also facilitates infinite mode. The timer count down starts only when the set speed attained by the rotor head.
- Acceleration and deceleration time user programmable in the range of 40 to 450 seconds.
- Advanced touchscreen HMI facilitates continuous display of working speed of rotor head, chamber temperature, program no., ACC and DEC time (in seconds), set time in minutes, RCF value of set RPM, indication of rotor in motion and remaining time in minutes.
- Display facilitates indication of rotor imbalance error, lid open error, and power failure error during operation.
- The unit facilitates SMS alert system of malfunction during operation and SMS alert for preventive maintenance due date and time.
- Automatic lid opening after completion of the operation.
- Automatic lid closing to proceed for operation.

Optional

- 21 CFR
- Operating data down loading system by using USB Port.