

# Refrigerated Universal Centrifuge

Digital-16000 R.P.M.(Microprocessor Based)

Temp. -10°C

*Laby*<sup>TM</sup>



CARBON MOTOR



Model: T-45

## Specifications

- Bench Top Refrigerated Micro Centrifuge Machine
- Heavy duty C.R.C. construction finished with powder coating
- S.S. centrifugal bowl for extra protection and easy cleaning.
- Fitted with well balanced universal motor with having carbon brushes.
- 2 lines 20 characters LCD Display for set and run time, set and run rpm, rcf.
- Digital Timer 1-99 minutes. Having a safety lid lock.
- Programmable Speed Regulator from 500 to 16000 rpm in variation of 100 rpm.
- P.I.D. Electronic digital temperature controller cum indicator is fitted to control the temp. from room temp. upto -10°C and shuts off the cooling compressor within accuracy of  $\pm 2^\circ\text{C}$  in stand by mode. Means only the centrifuge bowl is cooling and centrifuge motor is in stand by mode.
- Temp. Accuracy when motor is also running is  $\pm 2^\circ\text{C}$

## Technical Parameter

▶ Max Speed	16000 RPM
▶ Max RCF	16800 x g
▶ Motor	Universal Motor (with carbon brushes)
▶ Power	AC 220V 50 Hz 20A
▶ Weight	55 kg Approx
▶ Dimensions	L-25" x W-20" x H-14" approx

## Rotor Head

Machine comes without rotor heads.

Following angle rotors can be selected as per customer's requirements are as under

Rotor Type	Rotor Capacity	Speed on Rotor (RPM)	R.C.F.
▶ Angle Rotor	12 x 1.5/2.2 ml.	16000	16800 x g
▶ Angle Rotor	24 x 1.5/2.2 ml.	13000	13910 x g
▶ Angle Rotor	8 x 15 ml.	7000	7490 x g
▶ Angle Rotor	4 x 50 ml.	7000	7490 x g

- ▶ Adopters to accept .5ml Eppendorf micro-centrifuge tubes.



Angle Head 12x2ml



Angle Head 24x2ml



Angle Head 8x15ml



Angle Head 4x50ml