

# REFRIGERATED CENTRIFUGE - UNIVERSAL (PLC Based with Touch Screen. Digital - 20000 rpm)

**Laby**™



BRUSHLESS MOTOR



Model: T-90BL

## Specifications

- Bench Top Model Refrigerated Centrifuge Machine
- Heavy duty C.R.C. construction finished with powder coating
- Stainless Steel centrifugal bowl for extra protection and easy cleaning.
- Fitted with well balanced brushless motor with electronic drive.
- Fitted with latest technology PLC based with touch screen to display set & run time, set & run rpm, ref.
- Digital Timer 1-99 minutes with an interval of 1 min.
- Dynamic brake (automatic) and imbalance detector are provided.
- Selection of 3 acceleration + 4 deceleration profile.
- Programmable Speed controller from 2000 to 20000 in interval of 100 rpm
- Having an function of automatic rotor identification and short spin .
- P.I.D. Electronic digital temperature controller cum indicator is fitted to control the centrifuge temp. from room temp. upto -20°C means shuts off the cooling compressor within accuracy of + 2°C.
- Supply completed with, instruction manual, cord & plug to work on 220 volts 50Hz A.C.

## Technical Parameter

► Max. Speed	20000 R.P.M.
► Max. RCF	37570xg
► Timer	0-99 Min.
► Motor	Brushless Motor
► Temp. Range	from room temperature- to -20°C
► Temp. Accuracy	±2°C
► Power	AC 220V 50 Hz 20A
► Weight	60 kg. Approx.
► Dimension	L-27" x W-21" x H-15" approx.

Machine comes without rotor heads. Optional 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 ml.	20000	37570 xg
► Angle Rotor	24 x 1.5/2 ml.	16000	27800 xg
► Angle Rotor	8 x 15 ml.	13000	17000 xg
► Angle Rotor	6 x 50 ml.	13000	17000 xg
► Swing Rotor	2 plates of 96 wells.	3000	1888 xg
► Swing Rotor	6 plates of 96 wells.	3000	1888 xg
► Swing Rotor	16 x 15ml	5000	3155 xg