

REFRIGERATED CENTRIFUGE FLOOR MODEL (PLC Based with Touch Screen. Digital - 20000 rpm)

Laby™

Specifications

- Floor Model Multipurpose High Speed and High Volume 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, rcf.
- Digital Timer 1-99 minutes with an interval of 1 min.
- Dynamic brake (automatic) and imbalance detector are provided.
- Selection of acceleration and deceleration profile & 50 programmes can be stored.
- Programmable Speed controller from 2000 to 20000 in interval of 100 rpm
- Having a 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 $\pm 2^{\circ}\text{C}$.
- Supply completed with, instruction manual, cord & plug to work on 220 volts 50Hz A.C.



Model: T-100BL

Technical Parameter

▶ Max. Speed	20000 R.P.M.
▶ Max. RCF	37570xg
▶ Timer	1-99 Min.
▶ Motor	Brushless Motor
▶ Temp. Range	from room temperature- to -20°C
▶ Temp. Accuracy	$\pm 2^{\circ}\text{C}$
▶ Power	AC 220V 50 Hz 20A
▶ Weight	90 kg. Approx.
▶ Dimension	L-40" x W-29" x H-23" 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	6 x 200 ml.	7000	7400 xg
▶ Angle Rotor	4 x 500 ml.	7000	7400 xg
▶ Angle Rotor	8 x 100 ml.	7000	7400 xg
▶ Angle Rotor	12 x 50 ml.	7000	7400 xg
▶ Angle Rotor	36 x 15ml	7000	7400 xg
▶ Angle Rotor	4 x 100 ml.	14500	23980 xg
▶ Angle Rotor	8 x 25 ml.	13000	21160 xg
▶ Angle Rotor	12 x 15 ml.	13000	21160 xg
▶ Angle Rotor	8 x 50 ml.	13000	21160 xg
▶ Angle Rotor	8 Strips of 8x0.2 ml.	11000	12180 xg
▶ Angle Rotor	24 x 15 ml.	7000	7400 xg
▶ Swing Rotor	4 x 200 ml.	4500	3500 xg
▶ Swing Rotor	4 x 250 ml.	4500	3500 xg
▶ Swing Rotor	108 x 5 ml.	4500	3500 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 50 ml.	4500	3500 xg
▶ Swing Rotor	32 x 15 ml.	4500	3500 xg