

BRUSH LESS CENTRIFUGE

[WITH BRUSH LESS MOTOR]

WITH AUTO ROTOR DETECTION FEATURE



**ALL 17 ROTORS CAN
 BE USED IN ONE MODEL**

MODEL :- SC -201

Capacity	: As per Selected Rotor
Main input	: 220v, 50Hz or 110v, 60Hz
Max. Speed	: 6000 RPM
Size	: (W) 355 x (D) 410 x (H) 280 mm
Weight	: 14 Kg. Net
Motor	: BRUSH LESS AC INDUCTION MOTOR
Speed Regulator	: Programable Preset RPM With $\pm 3\%$ Accuracy
Rotor	: Auto Rotor Detection
Timer	: Programable Predefine Time
RPM/RCF Indicator	: LCD Type Actaul RPM + RCF Display
Timer Indicator	: LCD Type Remaining Time up to 99 minutes

TECHNICAL SPECIFICATION AND FEATURES

1. **MOTOR** : Brush less AC Induction Motor with frequency drive.
2. **CONTROLLER** : It is microprocessor controlled and programmable For pre set RPM / RCF and predefined TIME.
3. **DISPLAY** : It is LCD - 2 line display with back light it display Actual RPM + RCF + Remaining TIME
4. **LID LOCK** : A. The centrifuge will not run if door is open.
B. The lid will lock immediately if rotor start spinning
C. The lid remain locked till rotor become standstill
D. If power supply fail then lid unlock immediately but do not open lid for few minutes.
5. **IMBALANCE** : The rotation stops if rotor is imbalance and imbalance message display on LCD
6. **THERMAL PROTECTION** : The motor is thermally protected.
7. **BRAKE** : The device is having automatic brake with LED Indicator.
8. **ROTOR** : Our all (appx - 17 rotors) can be used with this model as this device have rotor detection feature so it will set SPEED and RCF as per installed rotor.

ROTORS FOR LAB CENTRIFUGES WITH MODEL NO



LAB CENTRIFUGE ROTOR FOR SERIES CF - 600 / CF - 811

SR. NO	ROTOR NO.	MODEL NO		TYPE OF ROTOR	MAX RPM	MAX RCF
		CF - 600 SERIES	CF - 800 SERIES			
01	RT - 01	CF - 608	CF - 822	8 TUBE x 15 ML SWING OUT	4000	2350
02	RT - 02	CF - 600	CF - 822	12 TUBE x 05 ML SWING OUT	4000	2000
03	RT - 03	CF - 611	CF - 833	8 TUBE x 15 ML ANGULAR	5000	3150
04	RT - 04	CF - 622	CF - 833	12 TUBE x 15 ML ANGULAR	5000	3450
05	RT - 05	CF - 622	CF - 833	16 TUBE x 15 ML ANGULAR	5000	3724
06	RT - 06	CF - 611	CF - 833	24 TUBE x 05 ML ANGULAR	5000	2900
07	RT - 07	CF - 655	CF - 811	16 TUBE x 15 ML SWING OUT	3500	1975
08	RT - 08	CF - 655	CF - 822	24 TUBE x 05 ML SWING OUT	4000	2024
09	RT - 09	CF - 600	CF - 822	12 TUBE x 07 ML SWING OUT	4000	2350
10	RT - 10	CF - 600	CF - 811	2 TUBE x 50 ML SWING OUT	3500	1975
11	RT - 11	CF - 655	CF - 811	24 TUBE x 07 ML SWING OUT	3500	1975
12	RT - 12	CF - 655	CF - 811	4 TUBE x 50 ML SWING OUT	3500	1975
13	RT - 13	NA	CF - 822	24 TUBE x 15 ML ANGULAR	4000	2437
14	RT - 14	NA	CF - 822	16 TUBE x 15 ML SWING OUT (Metallic)	4000	2490
15	RT - 15	NA	NA	24 TUBE x 5 ML SWING OUT (Metallic)	4500	2790
16	RHC - 12	HCF	CF - 844	12 CAPILLARIES OF QBC - II PLUS SYSTEM	12000	15300
17	RHC - 24	HCF	CF - 844	24 CAPILLARIES OF SIZE 75 MM x 1 MM BORE	12000	15300
18	MICRO TUBE	HCF	CF - 844	24 TUBE x 1.5 ML / 2.0 ML ANGULAR	12000	13500

LAB CENTRIFUGE ROTOR FOR AUTO DETECTION SERIES CF - 888 / CF - 999 / SC - 201

SR. NO	MODEL NO.	ROTOR MODEL CAN BE USED WITH CF	MAX RPM	MAX RCF
01	SC - 888	SINGLE ROTOR DEVICE ANY ONE SR. NO. 01 TO 15	AS PER ABOVE TABLE	AS PER ABOVE TABLE
02	SC - 201	MULTI ROTOR WITH AUTO DETECTION SR. NO. 01 TO 15	AS PER ABOVE TABLE	AS PER ABOVE TABLE
03	SC - 202	MULTI ROTOR WITH AUTO DETECTION SR. NO. 01 TO 18	AS PER ABOVE TABLE	AS PER ABOVE TABLE
04	CF - 999	SINGLE ROTOR DEVICE ANY ONE SR. NO. 01 TO 15	AS PER ABOVE TABLE	AS PER ABOVE TABLE
05	CF - 901	MULTI ROTOR WITH AUTO DETECTION SR. NO. 01 TO 15	AS PER ABOVE TABLE	AS PER ABOVE TABLE
06	CF - 902	MULTI ROTOR WITH AUTO DETECTION SR. NO. 01 TO 18	AS PER ABOVE TABLE	AS PER ABOVE TABLE
07	CF - 904	MULTI ROTOR WITH AUTO DETECTION SR. NO. 01 TO 15	AS PER ABOVE TABLE	AS PER ABOVE TABLE