## WITH AUTO ROTOR DETECTION FEATURE



"ISO 9001:2008 & EN ISO 13485:2012"
CERTIFIED COMPANY
"CE MARKED PRODUCTS"

# BRUSH LESS CENTRIFUGE

## [WITH BRUSH LESS MOTOR]

MODEL :- SC -201

Capacity : As per Selected Rotor

Main input : 220v , 50Hz / 110v , 60 Hz

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 ±3% Accuracy

Rotor : Auto Rotor Detection

Timer : Programable Predefine Time

RPM/RCF Indicator : LCD Type Preset & Actaul RPM

+ RCF Display

Timer Indicator : LCD Type Preset & Remaining

Time up to 99 minutes



#### TECHNICAL SPECIFICATION AND FEATURES

1.MOTOR : Brush less AC Induction Motor with frequency drive.

2.CONTROLER: 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

massage 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.

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# **BRUSH LESS CENTRIFUGE**



# AND ROTORS. [WITH BRUSH LESS MOTOR]



















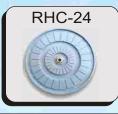
















DIGITAL BRUSH LESS						
SR NO	ROTOR NO	ROTOR ID NO	ROTOR	TYPES OF ROTOR	MAX RPM	MAX RCF
01	RT - 07	ID - 01	16 TUBE x 15 ML	SWING OUT	3500	1975
02	RT - 10	ID - 01	02 TUBE x 50 ML	SWING OUT	3500	1975
03	RT - 11	ID - 01	24 TUBE x 07 ML	SWING OUT	3500	1975
04	RT - 12	ID - 01	04 TUBE x 50 ML	SWING OUT	3500	1975
05	RT - 01	ID - 02	08 TUBE x 15 ML	SWING OUT	4000	2024
06	RT - 02	ID - 02	12 TUBE x 05 ML	SWING OUT	4000	2024
07	RT - 09	ID - 02	12 TUBE x 07 ML	SWING OUT	4000	2024
08	RT - 08	ID - 02	24 TUBE x 05 ML	SWING OUT	4000	2024
09	RT - 03	ID - 03	08 TUBE x 15 ML	ANGULAR	5000	3108
10	RT - 04	ID - 04	12 TUBE x 15 ML	ANGULAR	5000	3584
11	RT - 05	ID - 05	16 TUBE x 15 ML	ANGULAR	5000	3724
12	RT - 06	ID - 06	24 TUBE x 05 ML	ANGULAR	5000	2912
13	RHC - 12	ID - 07	12 CAPILLARIES OF QBC - II PLUS	ANGULAR	6000	3830
14	RHC - 24	ID - 07	24 CAPILLARIES OF 75MM x 1 MM BORE	ANGULAR	6000	3830
15	MICRO TUBE	ID - 08	24 TUBE x 1.5 / 2.0 ML	ANGULAR	6000	3387
16	RT - 13	ID - 09	24 TUBE x 15 ML	ANGULAR	4000	2437
17	RT - 14	ID - 10	16 TUBE x 15 ML	SWING OUT	4000	2580