



**REFRIGERATED CENTRIFUGE
MODEL NO.-FIDELS/RC-03**



+91-9319272252,7042040439



fidelsscience2022@gmail.com



<https://www.fidels-scs.com>



M-1,Lajpat Nagar-3,New Delhi -24



Refrigerated Centrifuge

PRODUCT OVERVIEW

FIDELS/RC-03 Refrigerated Centrifuge is a device that separates different components of a fluid using centrifugal force. This is accomplished by spinning the fluid at a high speed inside a container, separating fluids of differing densities or liquids from solids. It operates by making denser substances and particles to migrate in a radial direction outward.

DETAILED DESCRIPTION

1. The refrigerated table top universal centrifuge are microprocessor controlled and allow touch-operation mode/system.
2. Heavy duty C.R.C. construction finished with powder coating.
3. The offered selectable range of the temperature is 4°C to 8°C.
4. Stainless Steel 304 grade rust free centrifugal bowl for extra protection and easy cleaning.
5. The volume at least 24 x 1.5/2 ml tubes.
6. The system offer pre-selection of running time from 1min to 99 min with increment of 1 min and hold.
7. The offered system have LCD display for all pre-set & actual parameters RPM/ RCF, Time & Temp. Selection of speed in both RPM & RCF.
8. 50 programs can be stored in memory.
9. The system include maintenance free, brushless (without carbons).
10. Last test parameter recalls and displays automatically on LCD.
11. The system offer automatic rotor identification with over speed protection, and an active Imbalance Identification system.
12. The system offer 10 acceleration and 10 deceleration rates.
13. Corrosion resistant and lightweight rotors.
14. The system have self-diagnostic system for error(s) detection.
15. The system should offer quick-key for short runs.
16. The speed of the machine depends upon the type of rotor being used. If rotor is heavy the speed will reduce.
17. Body material of Centrifuge - C.R.C Steel Finish with Powder Coating/ Stove Painting.

SPECIFICATIONS

Max. RCF	21,000 x g.
Time Range	1- 99 min
Noise (db)	≤60 dBA
Temperature	4°C to 8°C
Voltage (V/Hz)	220V 50 Hz AC

ROTORS

- Configuration of rotor with centrifuge machine – Angle rotor.
- Corrosion resistant and lightweight rotor.
- Fast spin option
- 24 X 1.5/2.0 ml tubes.

