

## High Speed Refrigerated Centrifuge

**MODEL: RC-18K**



### SALIENT FEATURES:

- Program Storage: Store up to 99 customizable programs, each with user-defined steps.
- Intuitive Touch Display: User-friendly interface displaying real-time temperature, speed, time, RCF, and rotor information.
- High-Performance Motor: Brushless high-torque motor ensures rapid acceleration and deceleration.
- Robust Construction: Built with high-strength T45 steel for enhanced durability and safety.
- Pre-Set Cooling: Automatically cools the chamber to a specified temperature before or after a run.
- Versatile Rotor Options: Compatible with multiple rotor types to suit various applications.
- Ultra-Fast Cooling: Delivers rapid temperature reduction for efficient operation.
- Nano-Ceramic Coated Chamber: Provides superior anti-corrosion and rust resistance.
- Effortless Rotor Handling: Quick and easy rotor loading without directional markings, thanks to a specialized taper sleeve and automatic detection system.
- Automatic Rotor Detection: Ensures precise identification of the rotor, enhancing safety and operational efficiency.

## **SPECIFICATIONS:**

<b>Model</b>	<b>RC-18K</b>
Make	Galaxy
Max. Speed	18000 RPM
Max RCF	27100 g
Max Capacity	6 x 100 ml
Time Range	1s - 99min 59 sec
	1min - 99h 59 min
RPM/RCF Convert	Yes
Noise (dB)	≤ 60
Temperature	-20°C to 40°C
Acc/Dec	10 kinds
Speed Accuracy	±20 RPM
Temp. Accuracy	±1°C
Supported Rotor Type	Angle, Swing, Plate
Standard Rotor	24 x 1.5/2 ml
Power Consumption	1200 W
Refrigerant	R290
Power Supply	220v / 50 Hz
Dimensions & Weight	63 x 47 x 34 cm, 62 kgs

## ROTOR OPTIONS:

Picture	Capacity	Type	Max Speed	Max Speed
	12 x 1.5/2	Angle	18500	27100
	24 x 1.5/2	Angle	15000	22387
	36 x 1.5/2	Angle	15000	22262
	48 x 1.5/2	Angle	12000	16260
	18 x 5 (Round bottom)	Angle	15000	24148
	12 x 10 (Round bottom)	Angle	13000	20500
	12 x 15 (Conical bottom)	Angle	12000	18594
	12 x 5 (Round bottom)	Adapter	12000	18594
	6 x 50 (Conical/Round bottom)	Angle	12000	17146
	6 x 15 (Round bottom)	Adapter	12000	17146
	6 x 10 (Round bottom)	Adapter	12000	17146
	6 x 100 (Round bottom)	Angle	11000	15354
	6 x 50 (Conical bottom)	Angle	11000	15354
	6 x 15 (Conical bottom)	Angle	11000	15354
	6 x 3 x 10 (Round bottom)	Angle	11000	15354
	4 x 120 (Round bottom)	Swing	4000	2683
	4 x 50 (Conical bottom)	Adapter	4000	2683
	8 x 15 + 8 x 1.5	Adapter	4000	2683
	2x2x96 wells (Microplate Rotor)	Swing	4000	2300