

# High Speed Centrifuge

CFG-B18B



## Features

- ◆ **Drive:** Adopt AC variable frequency motor drive, maintenance-free, large torque, fast lifting speed, special combination shock absorber device to make the motor run smoothly.
- ◆ **Display:** Intelligent control, 5-inch LCD touch panel, operating parameters can be automatically memorized, and can be set directly by RCF.
- ◆ **Machine body:** Made of high-quality steel structure, safe and reliable; the stainless steel centrifugal chamber is durable and easy to clean.
- ◆ **Security:** Rotor number identification function(optional), multiple protection functions such as door cover self-locking, over-speed, imbalance, etc., equipped with electronic door lock to ensure safe and reliable operation.
- ◆ **Control:** Can store 15 customized working modes; jog function, short-term centrifugation, convenient for diversified centrifugation.
- ◆ **Acceleration and deceleration:** It has 9 files of acceleration and deceleration level, which can effectively prevent secondary suspension and have a good centrifugal effect.

## Specification

Model	CFG-B18B
Max. Speed	21000 r/min
Max. RCF	30640×g
Max. Capacity	4×750ml
Speed Accuracy	±30r/min
Timing Range	Timing centrifugation: 1min~99 min59sec; Continuous centrifugation: Hold
Motor	AC variable frequency motor, microcomputer control
Sound Emission	≤58dB
Electricity	AC 220V/50Hz,18A
Dimension	458*620*380mm
N.W./G.W.(kg)	55kg/70kg(including 1-2 sets of rotors)
Package Dimension (W*D*H)(mm)	900*440*530mm

## Application

This series of centrifuges are advanced intelligent instruments, widely used in biochemistry, medical and health, food safety, life sciences, agriculture and forestry sciences, animal husbandry sciences, blood banks, blood stations, biopharmaceuticals, and other fields.



## Rotor Configuration

Rotor No.	Max. Speed (r/min)	Max. RCF (×g)	Max. Capacity
No.1 Angle Rotor	21000	26750	18×0.5ml
No.2 Angle Rotor	21000	30640	12×1.5/2.2ml
No.3 Angle Rotor	16500	24890	24×1.5/2.2ml
No.4 Angle Rotor	15000	25650	32×1.5/2.2ml
No.5 Angle Rotor	15000	24270	48×1.5/2.2ml
No.6 Angle Rotor	16500	19170	12×5ml
No.7 Angle Rotor	15000	23120	12×10ml
No.8 Angle Rotor	15000	23640	6×50ml
No.9 Angle Rotor	12000	15610	8×50ml
No.10 Angle Rotor	15000	23640	8×15ml
No.11 Angle Rotor	14000	22022	12×15ml
No.12 Angle Rotor	13000	18138	4×100ml
No.13 Angle Rotor	10000	11808	6×100ml
No.14 Angle Rotor	16500	24890	4* PCR 8-strip tube
No.15 Swing Rotor	4000	2810	4×4×10ml
			4×6×10ml
			4×8×10ml
No.16 Swing Rotor	4000	2810	4×4×15ml
			4×6×15ml
			4×8×15ml
No.17 Swing Rotor	4000	2810	4×50ml
			4×2×50ml
No.18 Swing Rotor	4000	2810	4×100ml
			4×2×100ml
No.19 Swing Rotor	4200	3500	4×250ml
No.20 Swing Rotor	4000	3040	4×500ml
No.21 Swing Rotor	4000	3180	4×750ml
No.22 Swing Rotor	4200	3500	4×18×5/7ml
No.23 Swing Rotor	4000	3040	4×24×5/7ml
No.24 Microplate Rotor	4000	2300	2×2×96 well
No.25 Microplate Rotor	4000	3040	2×4×96 well