

Low Speed Refrigerated Centrifuge

CFGR-B550J CFGR-550J



Description

- ◆ Silent operation. Danfoss compressor.
- ◆ Brush-less AC motor for maintenance free and long service life.
- ◆ Microprocessor controlled centrifuge with variable speed and time setting. Universal centrifuge with selectable options (optional fixed-angle rotor, swing-bucket rotor, micro-plate rotor).



CFGR-B550J



CFGR-550J

Specifications

Model	CFGR-B550J	CFGR-550J
Max. speed	5500 rpm	
Max. RCF	5400×g	
Max. capacity	4×250 mL	4×750 mL
Speed accuracy	±10 rpm	
Noise	≤60 dB ≤65 dB	
Timer	1s~999min, continuous operation, one touch short spin operation	
Temperature range	-20℃-40℃	
Temperature accuracy	±1℃	
Power supply	AC220V / 50Hz	
Weight	65 kg	89 kg
Dimensions (W×D×H)	450mm×575mm×520mm	600mm×790mm×890mm



CFGR-B550J

Description

- ◆ Adjustable ramp & brake speeds (up to 15 speed selection).
- ◆ Count down at set RPM & one touch short spin operation.
- ◆ Automatic imbalance detection with audible alarm & over speed protection.
- ◆ The shortest acceleration/braking time less than 30s.
- ◆ Pre-cooling function, quick cooling makes rotor chamber attains 4℃ from ambient temperature in 10 minutes.
- ◆ Stand-by function maintains the constant temperature.

- ◆ LCD display for easy setting and readability across multiple parameters (rotor model, temperature, time, RCF and RPM).
- ◆ Soft touch keypad for parameters setting, special key for RCF.
- ◆ Double lids and double locks, lid locking and holding during rotor run for safe operation.
- ◆ User programmable-user can save and run up to 20 user-defined programs.
- ◆ User can set parameters when centrifuge is in operation (not program).



CFGR-550J

Model	CFGR-B550J	CFGR-550J
No. 1: Swing out rotor	4×250 mL, 4500 rpm, 3781×g	4×750 mL, 4200 rpm, 3648×g
Adapter1: Bucket	4×250 mL, 4×100 mL, 12×50 mL, 40×10 mL, 56×5 mL (Blood collection tubes), 20ml*15 (conical)	4×500 mL, 4×250 mL, 8×100 mL (conical), 12×100 mL (round bottom), 20×50 mL (conical), 28×50 mL (round bottom), 56×15 mL/20 mL (conical), 76×15 mL, 96×5 mL (Blood collection tubes), 148×5 mL (RIA)
Adapter2: Bucket	/	96×5 mL
No. 2: Swing out rotor	8×100 mL, 4200 rpm, 3715×g	/
Adapter	8×100 mL, 8×50 mL, 32×10 mL/15 mL/5 mL	/
No. 3: Adapter	/	148×5 mL, 4200 rpm, 3648×g
No. 4: Fixed angle rotor	6×50 mL, 5500rpm, 5400×g	
No. 5: Microplates	2×2×96, 5000 rpm, 3530×g	