



**FLOOR TYPE HIGH SPEED REFRIGERATED  
CENTRIFUGE BCFHR-302**

# FLOOR TYPE HIGH SPEED REFRIGERATED CENTRIFUGE

## BCFHR-302

Engineered to maximize productivity and reliably deliver a wide range of high speed separations. Stainless steel interiors, integrated refrigeration system and advanced temperature controls make it flexible for your evolving applications. Safety features and low noise operation make it an ideal partner for your day to day separations. Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuge, Laboratory Floor Type Centrifuge, Floor Type Refrigerated Centrifuge, Benchtop Centrifuge, Laboratory Tabletop Centrifuge.

## BCFHR-302 FLOOR TYPE HIGH SPEED REFRIGERATED CENTRIFUGE



- Microcomputer controlled programmable operation with touch panel
- TFT true-colour LCD wide screen displays set and run conditions for easy monitoring
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Fully stainless steel structure and a stainless steel cavity makes the machine safe and more efficient
- Acceleration/Deceleration takes around 30 sec to 1 min
- Special driver module ensures circuit's reliability
- High quality fluoride-free refrigeration compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise
- Multiple layers of shock absorbers with auto balancing function
- Triple protective layers of steel bushings to achieve secure and reliable operation
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Can store 20 user programs. The program previously used will be running when the machine is started.
- Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Built in electronic door lock and protection, over speed protection, over temperature protection

## SPECIFICATIONS

Model	BCFHR-302
Maximum Capacity (No of tubes x Vol.)	4x750ml
Temperature Range	-20°C to +40°C
Temperature Accuracy	±1°C
Maximum Speed	20600 rpm
Speed Increment	±50 rpm
Maximum RCF	29400xg
Time Range	0-99 h 59 min
Overall Dimension	710x560x770 mm
Program	20 user programs
Control	Microcomputer
Display	LCD
Noise Level	≤65dB

Net. Weight	110 kg
Power	4000 W
Power Supply	220V, 50Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF <sub>xg</sub>
2301308006	Fixed Angle Rotor	12 x 1.5/2.0ml	20600	29400xg
2301308007	Swinging-bucket Rotor	4 x 750ml	4000	3500xg
2301308008	Swinging-bucket Rotor- Adapter	4x 500 ml round bucket	4000	3580xg
2301308009	Swinging-bucket Rotor- Adapter	4x250 ml/300ml	4000	3580xg
2301308010	Swinging-bucket Rotor- Adapter	4x3 x 50 ml	4000	3580xg
2301308011	Swinging-bucket Rotor- Adapter	4x8 x 15 ml	4000	3580xg
2301308012	Swinging-bucket Rotor- Adapter	4x12 x 10 ml	4000	3580xg
2301308013	Swinging-bucket Rotor- Adapter	4x19x5 ml (Vacuum bloom tube)	4000	3580xg
2301308014	Fixed Angle Rotor	24 x 1.5/2.0ml	14000	18180xg
2301308015	Fixed Angle Rotor	12 x 10ml/5ml	14000	18800xg
2301308016	Fixed Angle Rotor	6x 50 ml	12000	13800xg
2301308017	Fixed Angle Rotor	4x100 ml	10000	10500xg
2301308018	Fixed Angle Rotor	6x100 ml	11000	14520xg
2301308019	Fixed Angle Rotor	6x250 ml	8000	9200xg
2301308020	Swing Micro- Plate Rotor	2x2x96 2x2x96 places	4000	2360xg



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
 Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)