



# FLOOR TYPE HIGH SPEED REFRIGERATED CENTRIFUGE BCFHR-204

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## BCFHR-204

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-204 FLOOR TYPE HIGH SPEED REFRIGERATED CENTRIFUGE

Microcomputer controlled programmable operation with CPU control system that controls speed, temperature and relative centrifuge force

LCD widescreen with soft touch panel displays set and run conditions for easy monitoring

Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation

Store 10 programs in centrifuge memory which are retained even after powering down the centrifuge

Fully stainless steel structure and aluminium alloy rotor for sustainable use

Speed and the centrifugal force can be step adjusted (10 RPM/10xg)

High quality compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise

System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors

Safety features: Self diagnostic, Rotor Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Automatic Lock Cover, over speed protection, Over temperature protection

## SPECIFICATIONS

|                                       |                     |
|---------------------------------------|---------------------|
| Model                                 | BCFHR-204           |
| Maximum Capacity (No of tubes x Vol.) | 3000 ml             |
| Temperature Range                     | -20°C to +40°C      |
| Temperature Accuracy                  | ±1°C                |
| Maximum Speed                         | 24000 rpm           |
| Speed Increment                       | ±50 rpm             |
| Speed Accuracy                        | ±30 rpm             |
| Maximum RCF                           | 58500xg             |
| Time Range                            | 0-23 h 59 min       |
| Acceleration/ Deceleration            | 0~9 grade           |
| The shortest Acceleration time        | 1min30s(0-24000rpm) |
| The shortest Deceleration time        | 1min40s(24000rpm-0) |
| Overall Dimension                     | 710x840x1200 mm     |
| Program                               | 10 user programs    |
| Control                               | Microcomputer       |

|                    |                 |
|--------------------|-----------------|
| Display            | LCD             |
| Noise Level        | ≤65dB           |
| Weight (Net/Gross) | 260/330 kg      |
| Power Supply       | AC220v 50Hz 30A |

## OPTIONAL ACCESSORIES

| Accessory Code | Name                         | Description | RPM   | RCF×g   |
|----------------|------------------------------|-------------|-------|---------|
| 2301208006     | Angle Rotor                  | 24x1.5/2ml  | 26000 | 75800×g |
| 2301208007     | Angle Rotor                  | 18x10ml     | 23000 | 59250×g |
| 2301208008     | Angle Rotor                  | 8x50ml      | 20000 | 48380×g |
| 2301208009     | Angle Rotor                  | 4x250ml     | 14000 | 38600×g |
| 2301208010     | Continuous Centrifugal Rotor | 1000ml      | 14000 | 21500×g |
| 2301208011     | Continuous Centrifugal Rotor | 1000ml      | 16000 | 28200×g |
| 2301208012     | Continuous Centrifugal Rotor | 3000ml      | 8000  | 9500×g  |
| 2301208013     | Continuous Centrifugal Rotor | 3000ml      | 10000 | 14800×g |



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