PRODUCT CATALOG

# FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE BCFLR-301

CE ISO9001 CERTIFIED

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# FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE BCFLR-301

Engineered to maximize productivity and reliably deliver a wide range of low 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, Laborartory Tabletop Centrifuge.

## BCFLR-301 FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE

Metallic structure and stainless steel cavity makes the machine safe and more efficient

Microcomputer controlled programmable operation with push-button operation

TFT true-colour LCD wide screen displays set and run conditions for easy monitoring

Variable frequency drive system and automatic control system ensures steady operation

Store 16 programs in centrifuge memory which are retained even after powering down the centrifuge

AV Motor of variable frequency and high torque ensures low maintenance, high efficiency and constant speed of rotation

Indication of ascending and declining curves of rotor, centrifugal integral curves and temperature curves

Four layers of shock absorbers with auto balancing function

Acceleration/Deceleration takes around 30 sec to 1 min

Special driver module ensures circuit reliability

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 imbalance detector, Lid protection, Over speed protection, Over temperature protection

## SPECIFICATIONS

| Model | BCFLR-301 |
|---|---|
| Maximum Capacity 6×1,000mL | 6x1000 ml |
| Temperature Range | -20°C to 40°C |
| Temperature Accuracy | ±1°C |
| Maximum Speed | 6000 rpm |
| Speed Increment | ±50 rpm |
| Maximum RCF | 6680xg |
| Time Range | 0-99 h 59 min |
| Overall Dimension | 710mm×910mm×950mm |
| Program | 16 user programs |
| Control | Microcomputer |

| | |
|---|---|
| Display | LCD |
| Noise Level | ≤65dB(A) |
| Weight (Net/Gross) | 270/290 kg |
| Power | 2000 W |
| Power Supply | 220V, 50Hz |

## OPTIONAL ACCESSORIES

| Accessory Code | Name | Description | RPM | RCFxg |
|---|---|---|---|---|
| 2302006006 | Fixed Angle Rotor | 6x500 ml | 6000 | 6680xg |
| 2302006007 | Swinging-bucket Rotor | 6x1000 ml | 4200 | 5100xg |
| 2302006008 | Swinging-bucket Rotor | 4x1000 ml | 4000 | 4050xg |

Biolab Scientific Ltd.
3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com