



## FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE BCFLR-301

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## 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, Laboratory Tabletop Centrifuge.

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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 (No of tubes x Vol.)	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	840x730x950 mm
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	RCF <sub>xg</sub>
2302006006	Fixed Angle Rotor	6x500 ml	6000	6680 <sub>xg</sub>
2302006007	Swinging-bucket Rotor	6x1000 ml	4200	5100 <sub>xg</sub>
2302006008	Swinging-bucket Rotor	4x1000 ml	4000	4050 <sub>xg</sub>



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