



## BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE BCBHR-301

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## BCBHR-301

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.

## BCBHR-301 BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE



- Microcomputer controlled programmable operation with push-button operation
- TFT true-colour LCD wide screen displays set and run conditions for easy monitoring
- Triple protective layers of steel bushings
- Brushless DC Motor ensures low maintenance, high efficiency and 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
- Multiple layers of shock absorbers with auto balancing function
- System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
- Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, Over speed protection, Over temperature protection

## SPECIFICATIONS

Model	BCBHR-301
Maximum Capacity (No of tubes x Vol.)	4x100 ml
Temperature Range	-20°C to +40°C
Temperature Accuracy	±1°C
Maximum Speed	12000 rpm
Speed Increment	±50 rpm
Maximum RCF	13,220×g
Time Range	1min
Overall Dimension	710mm×630mm×370mm
Program	100 user programs
Control	Microcomputer
Display	LCD
Noise Level	≤65dB
Weight (Net/Gross)	75/95 kg
Power Supply	220V, 60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF <sub>xg</sub>
2301311006	Fixed Angle Rotor	12x1.5/2.0 ml	12000	10000 <sub>xg</sub>
2301311007	Fixed Angle Rotor	24x1.5/2.0 ml	11500	12300 <sub>xg</sub>
2301311008	Fixed Angle Rotor	10x5 ml	12000	10000 <sub>xg</sub>
2301311009	Fixed Angle Rotor	12x10ml	12000	13400 <sub>xg</sub>
2301311010	Fixed Angle Rotor	12x5ml	15000	15600 <sub>xg</sub>
2301311011	Fixed Angle Rotor	6x 50 ml	10000	9600 <sub>xg</sub>
2301311012	Fixed Angle Rotor	4x100 ml	8000	6700 <sub>xg</sub>
2301311013	Swinging-bucket Rotor	4x50 ml	4000	2150 <sub>xg</sub>
2301311014	Swinging-bucket Rotor	4x10 ml	6000	3200 <sub>xg</sub>



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