

BENCHTOP LOW SPEED VENTILATED CENTRIFUGE

BR-BC-5000

Primarily utilized for routine laboratory tasks, including the separation of small volumes of biological samples, cellular components, and various fluids. These applications encompass processes like isolating DNA, RNA, proteins, and sedimentation of cells for analysis, allowing researchers to obtain precise and reliable results efficiently.

FEATURES:

- Intelligent microprocessor control system that can display set and actual parameters simultaneously.
- Frequency conversion A.C. motor drive, maintenance-free. (some models are brushless DC motor: TD4 etc.)
- DC brushless motor effortlessly accelerates the rotor to set speed and is maintenance-free
- High-quality steel structure with scratch resistant, powder coated finish. 304# stainless steel chamber are autoclave-able, resistant detergents and disinfection liquids.
- Aluminium alloy fixed angle rotor, stainless steel swing out rotor.
- Rotors and buckets are autoclavable and corrosion-free.
- Durable chassis with steel armored chamber and steel layered lid.
- Smooth tube insertion and removal facilitated by precisely carved holes in rotors and buckets.



User Friendly :

- LED/ LCD/TFT display panel for optional, and highly visible display screen.
- Real-time modification of parameters during the operation to improve your working efficiency
- Easily exchangeable rotors.
- Automatic RPM/RCF conversion.
- Up to 29 program memory and easily retrieved. Last set parameters recall(useful for repetitive analysis).
- 10 acceleration and 10 deceleration ramps.
- Automatic lid-locking and holding during rotor run.
- Viewing port in the lid for speed calibration and noise measurement.

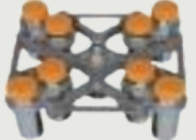
Safety :

- Active imbalance detection and shutdown.
- Safety lid interlock to prevent lid opening during centrifugation.
- Automatic lid-locking and holding during rotor run
- Slow start up with automatic lid opening.
- Lid drop protected construction and fine control of lid opening.
- Emergency door lock release enables opening in case of power failure or sudden stoppages.
- Safety and Standards Certification: CE

TECHNICAL PARAMETERS

MODEL	BR-BC-5000
Speed range(rpm)	0-5000rpm adjustable
Max Capacity(ml)	4*250ml
Display	LCD
Noise(dBA)	≤60dB(A)
Dimension(mm)	570x440x250mm
Net weight(without rotor)	38KGS
Speed accuracy	±10rpm
RCF range (xg)	0-3686xg adjustable
Time range	0-99 minutes 59 s
Acceleration/Deceleration rates	0-9
Motor	Frequency Converter motor
Power supply	AC220V,50HZ, 10A, 0.65KW

TECHNICAL PARAMETERS

NO.	PHOTO	ITEM	CAPACITY	MAX SPEED	MAX. RCF
1		Angle rotor	12×15ml	5500r/min	3686xg
2			6×50ml	5500r/min	3686xg
3		Angle rotor	24×15/10/5ml	4500r/min	2897xg
4		Swing rotor	4×50ml	4200r/min	3100xg
			8×50ml		
5		Swing rotor	24×15ml	4000r/min	2915xg
			Laboratory		
6		Swing rotor	4×100ml	4000r/min	2950xg
7		Swing rotor	4 / 8×20ml	4000r/min	2950xg
8			4×50ml		
9		Swing rotor	48×5/2ml	4000r/min	2950xg
			64×5/2ml		

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We are available on



NO.	PHOTO	ITEM	CAPACITY	MAX SPEED	MAX. RCF
10		Swing rotor	72×5/2ml	4000r/min	2950xg
			96×5/2ml		
11		Swing rotor	4×250ml	4000r/min	2810xg
12		Microplate rotor	2×4×96holes	4200r/min	1930xg

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