



MINI CENTRIFUGE

MINI CENTRIFUGE

Designed with quick spin option, our product is a compact, easy to use, high speed mini centrifuge that delivers maximum productivity. Variable speed allows you to carry out complex as well as simple protocols. High speed accuracy, low maintenance and safety operating features make it an ideal choice for your separation processes.

Used in Molecular Biology Separations, Clinical, Labs, Biochemistry, Tissue Culture, Genomics, Drug discover.

Also known as Benchtop Centrifuge, Laboratory Centrifuge.

100 MINI CENTRIFUGE

Compact, corrosion resistant design provides low maintenance with longer life

Micro DC motor and carbon-fibre rotor combined with silence technology reduces the operating noise

Safety features: Over speed and over temperature protection

SPECIFICATIONS

Model	BCMI-101	BCMI-102	BCMI-103
Maximum Capacity (No of tubes x Vol.)	6x1.5/0.5/0.2 ml, 0.2 mlx2x8	6x1.5/0.5/0.2 ml, 2x8x0.2 ml	
Maximum Speed	4000 rpm	6000 rpm	10000 rpm
Speed Increment	±50 rpm		
Maximum RCF	900xg	2000xg	5000xg
Time Range	None		
Overall Dimension	189x161x122 mm		
Display	LED		
Noise Level	< 48 dB(A)		
Power Supply	220 V, 60 Hz		

ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}	For Models
2302306006	Rotor	1.5/0.5/0.2 mlx6	4000	900xg	BCMI-101
2302307006	Rotor	0.2 mlx2x8 1.5/0.5/0.2 mlx6	6000	2000xg	BCMI-102
2302308006	Rotor	1.5/0.5/0.2 mlx6	1000	5000xg	BCMI-103

200 MINI CENTRIFUGE



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

Durable ABS housing resists chemical spills and limits noise

Short spin function is used for quick spin downs

Automatic release of lid when the rotor stops to save processing time

Safety Features: Over-speed detection, Over-temperature detection

SPECIFICATIONS

Model	BCMI-201	BCMI-202
Maximum Capacity (No of tubes x Vol.)	6x1.5/0.5/0.2ml	8x2x0.2ml, 6x1.5/0.5/0.2ml
Maximum Speed	4000rpm	6000 rpm
Speed Increment	±50 rpm	
Maximum RCF	900×g	2000×g
Time Range	None	
Overall Dimension	170mm×150mm×130mm	170x150x130mm
Display	None	
Noise Level	≤ 48 dB(A)	
Weight (Net/Gross)	1.25 kg	
Power Supply	220 V/ 60 Hz	

ACCESSORIES

Accessory Code	Name	Description	RPM	RCF×g	For Models
2302406006	Rotor	6x1.5/0.5/0.2 ml	4000	900×g	BCMI-201
2302407006	Rotor	2x8x0.2 ml 6x1.5/0.5/0.2 ml	6000	2000×g	BCMI-202



BCMI-201



BCMI-202

300 MINI CENTRIFUGE

Micro brushless DC motor provides quiet, maintenance-free operation

Compact design with small footprint

Optimized air flow minimizes sample warming and protects temperature-sensitive samples

UV and flame-retardant composite material ensures high quality

Triple flip switch function opens the lid automatically at the end of the run to prevent sample warming and allow easy access to samples

SPECIFICATIONS

Model	BCMI-301	BCMI-302	BCMI-303	BCMI-304
Maximum Capacity (No of tubes x Vol.)	6x1.5ml/16x0.2ml	6x1.5ml/0.5ml/0.2ml	12x1.5ml/0.5ml/0.2ml	24x1.5/2.0ml
Maximum Speed	7200 rpm	12000 rpm	14500 rpm	14800 rpm
Speed Increment	None	1000 rpm	100 rpm	
Maximum RCF	2350×g	7450×g	14000×g	16160×g
Time Range	None	1 - 99 min	15 s - 99 min	1s - 99 min

Overall Dimension	160x180x110 mm	220x210x120 mm	245x240x120 mm	176x212x226 mm
Packing Size	150x180x120mm	153x128x104 mm	-	-
Display	None	LED	LCD	
Noise Level	< 56 dB(A)			< 60 dB(A)
Weight (Net/Gross)	1.5 kg	5 kg	6 kg	6kg
Power Supply	85~245 V/ 50 Hz	85~245 V/ 60 Hz	220 V/ 60 Hz	
Power	-	10 W	35 W	85 W
The shortest Acceleration time	-	-	18sec	14sec
The shortest Deceleration time	-	-	18sec	-

ACCESSORIES

Accessory Code	Name	Description	For Models
2302506006	Rotor	6x1.5 ml	BCMI-301
2302507006	Rotor	8x1.5 ml	BCMI-302
2302508006	Rotor with lid	12x1.5 ml	BCMI-303
2302509006	Angle rotor with lid	24x1.5/2.2 ml (polypropylene)	BCMI-304

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	For Models
2302506007	Rotor	2x8x0.2 ml	BCMI-301
2302506008	Rotor - Adaptor	6x0.5 ml	BCMI-301
2302506009	Rotor - Adaptor	6x0.2 ml	BCMI-301
2302507007	Rotor	4x8x0.2 ml	BCMI-302
2302507008	Rotor - Adaptor	8x0.5 ml	BCMI-302
2302507009	Rotor - Adaptor	8x0.2 ml	BCMI-302
2302508007	Rotor - Adaptor	12x0.5 ml	BCMI-303
2302508008	Rotor - Adaptor	12x0.2 ml	BCMI-303
2302509007	Angle rotor with lid	24x1.5/2.2 ml (Aluminium)	BCMI-304
2302509008	Angle rotor with lid	2 PCR strips with 8x0.2 ml	BCMI-304
2302509009	Angle rotor - Adapter	24x0.5 ml	BCMI-304
2302509010	Angle rotor - Adapter	24x0.2 ml	BCMI-304

400 MINI CENTRIFUGE



Compact design takes up less than six inches of bench space

Easy open clear colored lids

Simply close the lid for acceleration and open the lid for deceleration, or alternatively use the on/off switch to control

Ideal for quick spin downs of micro tubes and PCR tubes

Safety Features: Over-speed detection, Over-temperature detection

SPECIFICATIONS

Model	BCMI-401	BCMI-402	BCMI-403	BCMI-404
Maximum Capacity (No of tubes x Vol.)	8x0.2/0.5/1.5/2.0ml tube	12x0.2ml/0.5ml/1.5ml/2ml		2 mlx24, 0.5mlx36, PCR 8 serial tubes
Maximum Speed	7000 rpm	500-15000 rpm		200-15000 rpm
Speed Increment	None	100 rpm		-
Maximum RCF	2680xg	15100xg		21380xg
Time Range	30 s- 99 min			
Overall Dimension	150x150x117 mm	225x245x140 mm		280x364x266 mm
Display	None	LCD		
Noise Level	≤ 45 dB(A)	≤ 56 dB(A)		≤ 58 dB(A)
Weight (Net/Gross)	0.5kg	6 kg		12 kg
Power	95 W	-	-	-
Power Supply	AC100-240V/50Hz/60Hz	single phase, AC100-240V/50Hz/60Hz, 3A		single phase, AC220-240V/50Hz/60Hz,5A; AC110V-120V,50hz60hz,8A
Speed Accuracy	-	±20 rpm		
The shortest Acceleration time	-	25 sec	11 sec	25 sec
The shortest Deceleration time	-	25 sec	9 sec	25 sec

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed	Capacity	For Models
2302606006	Plastic rotor	7000rpm; 2 ml/1.5mlx8			BCMI-401
2302606007	Plastic rotor	7000rpm; PCR8x2			BCMI-401
2302606008	Rotor adapter	2 ml to 0.2 ml rotor adapter; 8pcs/pk			BCMI-401
2302606009	Rotor adapter	2 ml to 0.5 ml rotor adapter; 8pcs/pk			BCMI-401
2302607006	Rotor adapter	2ml to 0.2ml rotor adapter; 24pcs/pk			BCMI-402, BCMI-403
2302607007	Rotor adapter	2ml to 0.5 ml rotor adapter; 24pcs/pk			BCMI-402, BCMI-403
2302607008	Plastic rotor kit	Plastic rotor kit with lid; fixing clips and O'ring; 15000rpm;2 mlx12			BCMI-402, BCMI-403
2302609006	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	18x5 ml (eppendorf round tube)	BCMI-404
2302609007	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	18x5 ml	BCMI-404
2302609008	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	12x5 ml (eppendorf round tube)	BCMI-404
2302609009	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	12x5 ml (eppendorf round tube)	BCMI-404
2302609010	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	2x1.5 ml	BCMI-404
2302609011	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	2x1.5 ml	BCMI-404

2302609012	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	36x0.5 ml	BCMI-404
2302609013	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	4 pcr8	BCMI-404
2302609014	Aluminum alloy rotor kit with lid	fixing clips and O'ring	15000 rpm	4 pcr8	BCMI-404
18521545015	Rotor			2 to 0.2ml rotor adapter 24 pcs	BCMI-404
18521545016	Rotor			2 to 0.5ml rotor adapter 24pcs	BCMI-404
18521545017	Rotor			0.5 to 0.2ml rotor adapter 36pcs	BCMI-404



BCMI-401



BCMI-403



BCMI-404

BCMI-501 MINI CENTRIFUGE



Wide applicable range. It suits for skirted, semi-skirted, non-skirted and all standard PCR plates

Strong centrifugal power. Accelerate to 2500rpm quickly. From top speed to stop cost around 10 seconds

Humanized design. Two modes - press to operate or timer control - make the experiments more convenient and efficient

Smart size, simple operation. The cover can be fully opened to 95°, convenient to put and fetch the plates

Quick spin down droplets and condensation. Used before and after thermal cycling to improve PCR yield

SPECIFICATIONS

Model	BCMI-501
Sample Capacity	2 PCR Plates
Speed Range	2800 rpm
RCF	627 g
Rotor	Fixed vertically
Time Range	1s ~99s or touch operation
Voltage	DC 24 V Power adapter (AC 100 V~230 V,50/60 Hz)
Power	40 W
Overall Dimension	W.190 x D. 219 x H.186 mm
Net Weight	2.7 kg

ACCESSORIES

Accessory Code	Name	Description	Capacity	RPM
2302706006	Fixed Vertical rotor	Fixed Vertical rotor	2 plates	2500

500 MINI CENTRIFUGE



Large radius rotor with 8 tube holes, centrifugal force is 1.5 times bigger than ordinary 6-hole rotor at the same rolling speed

The cover press-button is outward designed with start/stop function. Press the button, the cover will open automatically to 95°, which is very convenient for one-hand operation

The rotor is clip-on fixed. Very convenient for rotors exchanging yet fixed solid reliable

LED displays speed (MINI-10K+) and timing

Working is silent and stable. Free-maintenance motor, long-life and safe

Smart appearance. Multi-purpose to meet different experimental demands

SPECIFICATIONS

Model	BCMI-502	BCMI-503	BCMI-504	BCMI-505
Rotor Capacity (No of tubes x Vol.)	8x1.5/2.0 ml, 8x0.5 ml, 16x0.2 ml(single tube or 2x8x0.2 ml strips). (With 0.5 ml and 0.2 ml tube adapter)	8x1.5/2.0 ml, 8x0.5 ml, 16x0.2 ml(single tube or 2x8x0.2 ml strips). (With 0.5 ml and 0.2 ml tube adapter)	8x1.5/2.0 ml, 8x0.5 ml.(With 0.5 ml and 0.2 ml tube adapter)	
Speed Range	4000 rpm	6000 rpm	7000 rpm	10000 rpm
RCF	Approx.700 g	Approx.1700 g	Approx.2300 g	Approx.4800 g
Time Range	1s ~9999 min or continuous			
Noise Level	≤45 dB		≤55 dB	
Voltage	AC 220 V / AC 110 V, 50/60 Hz			
Power	≤ 45 W			
Fuse	250 V, 1 A, Φ5x20			
Overall Dimension	W.156 x D.176 x H.121 mm			
Net Weight	1.5 kg			

ACCESSORIES

Accessory Code	Name
2302707006	Rotor
2302707007	Strip Rotor
2302707008	Tube adaptors



BCMI-502



BCMI-503



BCMI-504



BCMI-505

BCMI-506 MINI CENTRIFUGE



Large radius rotor with 8 tube holes, centrifugal force is 1.7 times bigger than ordinary 6-hole rotor

at the same rolling speed

The cover press-button is outward designed with start/stop function. Press the button, the cover will open automatically to 95°, which is very convenient for one-hand operation

The rotor is clip-on fixed. Very convenient for rotors exchanging yet fixed solid reliable

LED displays speed (MINI-10K+) and timing

Working is silent and stable. Free-maintenance motor, long-life and safe

Smart appearance. Multi-purpose to meet different experimental demands

SPECIFICATIONS

Model	BCMI-506
Rotor Capacity (No of tubes x Vol.)	8x1.5/2.0 ml, 8x0.5 ml, 2x8x0.2 ml strips.(With 0.5 ml and 0.2 ml tube adapter) 2x8x0.2 ml PCR Strips(when speed≤6000 rpm)
Speed Range	3000 rpm~10000 rpm (increment:1000 rpm)
RCF	Approx.400 g ~ 4700 g
Time Range	1s ~9999 min or continuous
Noise Level	≤55 dB
Voltage	AC 220 V / AC 110 V, 50/60 Hz
Power	≤ 45W
Fuse	250 V, 1 A, Φ5x20
Overall Dimension	W.156 x D.176 x H.121 mm
Net Weight	1.5 kg

ACCESSORIES

Accessory Code	Name
2302711006	Combined Rotor
2302711007	Tube adaptors

BCMI-507 MINI CENTRIFUGE



Compact and small size, save space

Variable frequency motor for excellent acceleration. High speed with low noise

To achieve max. speed 15000rpm (Max. RCF15000xg) or stop from max. speed, it costs about 15s

Highlight LCD displays speed and timing

Rotor is made of aluminium alloy, chemical attack resistant, resist dry heat sterilization many times

Short" key makes "touch to operate" easy and convenient

Excellent fluid air exchange technology. The unique three air flues design utmostly lower the temperature rising. Protect samples

sensitive to temperature

Self-locking function, cover can not be open while operating

Press the key to open the cover after operation. Safe and reliable

Aluminium rotor and plastic rotor (customized) are for optional. Aluminium rotor can resist heat disinfection but lower acceleration

Plastic acceleration speed is faster but is not available for heat disinfectior

SPECIFICATIONS

Model	BCMI-507
Maximum Sample Capacity (No of tubes x Vol.)	2 ml / 1.5 mlx12
Speed Range	500 ~15000 rpm (increment: 100 rpm)
Maximum RCF	15000xg
Time Range	20 sec ~99 min
Acceleration to Max. Speed	around 15s
Deceleration to Stop	around 15s
Drive motor	variable frequency motor
Safety	self-lock, over-speed, over-temp., status diagnosis system
Other Functions	speed/RCF switch, touch operation, operating status display, alert
Power	105 W
Fuse	250 V, 5A/10 A, Φ 5 x20
Voltage	AC220~230 V / AC110~120 V, 50/60 Hz
Overall Dimension	220 x 240 x 145 mm
Net Weight	5.1 kg

BCMI-515 MINI CENTRIFUGE



High-speed and stable operation, the rotor and the motor shaft are matched with high-precision cones, high concentricity, and low operating noise

Both the upper cover and the lower shell adopt high-strength metal protective rings, which have high structural safety and ensure the safe operation

of the rotor at high speed

The invention patent of the upper cover safety lock ensures the safety during operation. It automatically pops up after the operation is completed, and

has one-key open cover function

Adopting the three-dimensional air inlet circulation cooling method, the cooling effect is good, and the temperature rise of the rotor is low

Powerful DC brushless motor, maintenance-free, fast drive, ultra-quiet operation, low noise level

After the centrifugation is finished, the sound prompts and the cover will automatically opened, which is convenient for the sample to cool down; the

brake is soft to protect the special sensitive samples

The speed up/down speed is adjustable, suitable for different experimental requirements

It adopts 4.3-inch color LCD screen, which can display the speed, centrifugal force and time at the same time

The buzzer prompts after the operation is completed, with the function of displaying the running status and prompting the error code

With PROG key, you can call the built-in 10 groups of programs with one key, which is convenient and quick to use

Equipped with a momentary centrifugal button, which can be centrifuged quickly to meet more experimental needs

High-strength aluminum alloy rotor has no service life limit and can be sterilized by high temperature and high pressure

One machine for multiple purposes, suitable for 0.2, 0.5, 1.5, 2.0, 5.0ml centrifuge tubes and PCR centrifuge tubes, four rotors are available

SPECIFICATIONS

Model	BCMI-515
Maximum Capacity (No of tubes x Vol.)	0.2ml/0.5ml/1.5ml/2mlx24; 0.2mlx8 stripx4; 0.5mlx36; 5mlx18
Speed Range	500-15000
Maximum RCF	21400 x g
Speed Increment	100 rpm
Noise Level	≤62 dB
Other Functions	Speed/acceleration display function, instantaneous centrifugal function, running progress display, sound prompt function
Weight (Net/Gross)	13 Kg
Overall Dimension	W.238 X D.335 X H.208 mm
Voltage	500 W
Fuse	250V ,15A, Φ5x20
Power Supply	AC 220V 50Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
2302720006	Rotor	5 ml tubex18
2302720007	Rotor	0.2 ml tubex32/PCR tube strip 8 Well*4
2302720008	Rotor	0.5 ml tubex36
2302720009	Rotor	0.2 ml/0.5 ml/1.5 ml/2.0 ml tube x 24



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com