BioLAB

PRODUCT CATALOG

MICRO CENTRIFUGE BCMI-404

CE ISO9001 CERTIFIED

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MICRO CENTRIFUGE BCMI-404

HIGH SPEED MICRO CENTRIFUGE

Double cooling air design ensures fast cooling of the rotor and low energy consumption
3-layer sealed rotors ensure safe centrifugation
Brushless motor drive, maintenance free
Safety features include door interlock; excessive speed and temperature detection; automatic self-diagnostics
Outstanding aluminum alloy rotors fully autoclavable at 121℃ temperature and high pressure disinfection
Five rotors are optional complete with 24 places: 1.5/2.0 mL tubes, 5.0 mL, 0.2 mL and 0.5 mL tubes with adapters
Effective Ventilation System
Double cooling air design, enforcing air cooling from both the upper and lower s

SPECIFICATIONS

Model	BCMI-404
Max. Speed	15000rpm (200-15000rpm), increment: 10rpm
Max. RCF	21380xg, increment: 10xg
Speed Accuracy	±20 rpm
Rotor Capacity	1.5/2mL x 24, 0.2/0.5mL x 36,PCR-8 strips x 4, 5mL x 12, 1.5mL x 18
Run Time	30sec-99min/Continuous
Acceleration/Braking time [Sec]	25s↑ 25s↓
Motor	Brushless DC motor
Safety Devices	Dual door interlock,Over-speed detection,Automatic internal diagnosis
Power Requirements	Single-phase, AC200V-400V, 50Hz/60Hz, 5A,AC100V-120V, 50Hz/60Hz, 8A 200W
Noise Level	≤64dB
Dimension [WxDxH]	280 x 364 x 266mm
Weight	12kg
Other functions	Speed/RCF switch; Short-time run function; sound-alert function
Alt Name	High Speed Micro Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Rotors	Max. speed: 15000 rpm Max. RCF: 21380 x g Rotor capacity: 2 mL / 1.5 mL x 24, 0.2 mL x 24, 0.5 mL x 24 Rotor material: Aluminum alloy Biosealing: Yes
2	Rotors (round bottom)	Max. speed: 15000 rpm Max. RCF: 21380 x g Rotor capacity: 5 mL x 18 (round bottom) Rotor material: Aluminum alloy Biosealing: Yes
3	Rotors (cone bottom)	Max. speed: 15000 rpm Max. RCF: 21380 x g Rotor capacity: 5 mL x 12 (cone bottom) Rotor material: Aluminum alloy Biosealing: Yes

4	Rotors	Max. speed: 15000 rpm Max. RCF: 21380 x g Rotor capacity: 0.5 mL x 36, 0.2 mL x 36 Rotor material: Aluminum alloy Biosealing: Yes Available rotor adapters: A02P05
5	Rotors	Max. speed: 15000 rpm Max. RCF: 21380 x g Rotor capacity: 0.2 mL / PCR8 x 4 Rotor material: Aluminum alloy Biosealing: Yes
6	Adapter	0.2 mL rotor adapter Used with A12-2, A12-2P, AS24-2 and A24-2P rotors 24 pcs/pk
7	Adapter	0.5 mL rotor adapter Used with A12-2, A12-2P, AS24-2 and A24-2P rotors 24 pcs/pk
8	Adapter	0.2 mL rotor adapter Used with AS36-05 rotor 36 pcs/pk


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FEATURES

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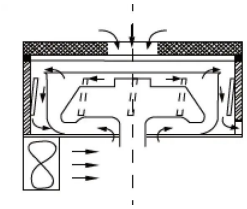
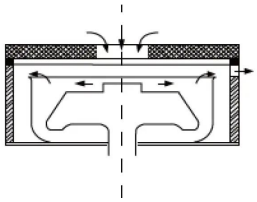
Five rotors are optional complete with 24 places: 1.5/2.0 mL tubes, 5.0 mL, 0.2 mL and 0.5 mL tubes with adapters

Effective Ventilation System



Double cooling air design, enforcing air cooling from both the upper and lower side for the rotor.

Conventional design

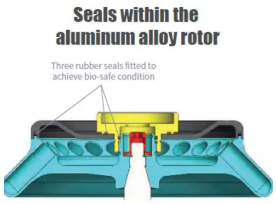


Limited ventilation on the upper side of the rotor.

Fully autoclavable:
High strength aluminum alloy rotors are fully autoclavable, withstanding steam sterilizing at 121°C for 20 minutes.

Three-layer seal:
This model rotors are designed to prevent sample leakage. Each and every rotor is hermetically sealed by three rubber seals.

Mechanical safety:
centrifuges conform to MCA standard IEC/EN61010-2-20, causing disruption by partially cutting and overloading rotor assembly, and guarantees that no part shall be detached to cause danger to person or the environment.



APPLICATIONS

Suitable for numerous biological, chemistry, clinical and research applications including molecular biology, clinical chemistry labs, wide variety of microbiology applications, such as DNA, RNA or protein isolation and many more.

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