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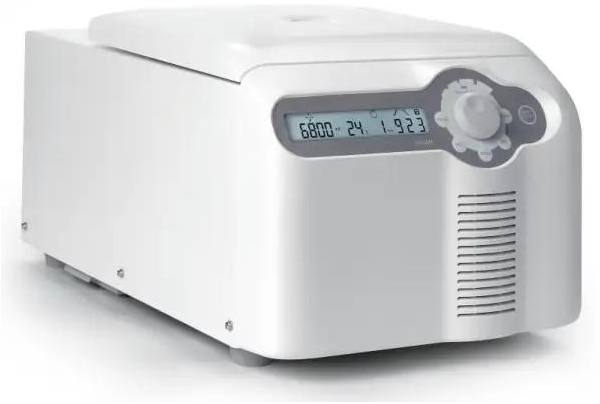
PRODUCT CATALOG



MICRO CENTRIFUGE BFL-4101

CE ISO9001 CERTIFIED

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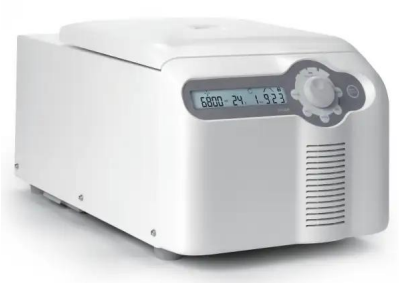
MICRO CENTRIFUGE BFL-4101

HIGH-SPEED REFRIGERATED MICRO CENTRIFUGE



Electronic Magnetic door locking system - the lid can be closed with one hand soft touch
Precooling: the compressor automatically starts cooling as long as the set temperature is lower than the ambient temperature
Sound indicator at the end of running
Temperature range: -20 ℃ to 40 ℃
Short pre-cooling time of only 7 minutes from room temperature to 4 ℃
Up to 9 program storage capacity
3-layer sealed rotors ensure safe centrifugation
High-strength aluminum alloy rotor can be fully autoclavable at 121 ℃
Rotor imbalance detection alarm
Adjustable acceleration/deceleration at 9 levels allows gentle braking at low sp

SPECIFICATIONS

Model	BFL-4101
Max. Speed	15,000rpm (200-15,000rpm) in 100rpm increments.
Max. RCF	21,380 x g, step: 10 x g
Capacity	1.5/2mL x 24, 0.2/0.5mL x 36, PCR-8 strips x 4, 5mL x 12, 5mL x 18
Temperature setting	-20°C - 40°C
Run Time	30s-99 min; HOLD (continuous running)
Acceleration and deceleration time	25s ↑ 25s ↓
Motor Type	Brushless DC motor
Safety Performance	Dual door lock, over-speed detection, over-temperature detection with Internal diagnosis system.
Power Requirements	Single-phase, 100-120V/200-240V, 50Hz/60Hz. 500W
Noise Level	≤56dB
Dimensions [W x D x H]	332 x 553 x 283mm
Weight	30kg
Other functions	Rotation speed/RCF switchover, inching operation, running process indicator, sound alert. Adjustable acceleration/deceleration at 9 levels program storage capacity.
Alt Name	High-speed Refrigerated 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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Short pre-cooling time of only 7 minutes from room temperature to 4 °C
Up to 9 program storage capacity
3-layer sealed rotors ensure safe centrifugation
High-strength aluminum alloy rotor can be fully autoclavable at 121 °C
Rotor imbalance detection alarm
Adjustable acceleration/deceleration at 9 levels allows gentle braking at low speed for better separation
Five rotors with 0.2 mL, 0.5 mL, 1.5 mL, 2 mL and 5 mL centrifuge tubes/PCR tubes capacity
An external condensation tank prevents water accumulation within the centrifuge chamber.

APPLICATIONS

Ideal for centrifugation of temperature sensitive samples, such as live cells, animals or proteins. It allows them to be used in a multitude of applications, including pelleting of DNA and RNA samples, pelleting of PCR amplified nucleic acids, separation of antibody and protein precipitates, performing enzymatic tests, removing cell debris from cell homogenates, and achieving bacterial and yeast cell fractionation.

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