

MICRO CENTRIFUGE

Brand - **BIOGENIX®**

Product Description

Our product is a compact, easy to use, high speed micro centrifuge that delivers maximum productivity. Variable speed allows you to carry out complex as well as simple protocols. Environment efficient, high speed accuracy and safety operating features make it an ideal choice for your separation processes.



FEATURES:-

Compact design with high speed and low noise, Dual door interlock design

Large LCD display provides all visual information

Unique temperature display to protect sensitive samples

Fully autoclavable aluminum alloy rotors, Speed/Acceleration switch

The short spin function is used for quick spin downs, Double air cooling design minimizes rotor heating

Cast iron chassis with low gravity, provides stable and reliable running at maximum speed

Rotor is seated on a tapered shaft which facilitates easy removal

The lid opens automatically at the end of the run to prevent sample warming and allow easy access to samples. The operation can be timed from 30 seconds to 99 minutes or used in continuous mode

Intermittent temperature control mode, Gentle braking at low speed for better separation

Pre-cooling provides cool down prior to operation and keeps the chamber at the pre-set temperature

CFC-free refrigerant, Multi-voltage design with high-speed accuracy and reliable running

Safety Features: Dual door interlock, Over- speed detection, Over-temperature detection, Automatic internal diagnosis



Technical Specification

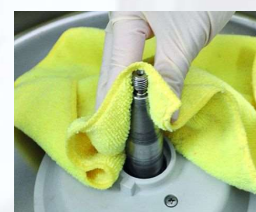
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|---------------------------------------|---------------------------------------|
| Model | BCMR-101 |
| Maximum Capacity (No of tubes x Vol.) | 18 x 5 ml; 24 x 0.2ml/0.5ml/1.5ml/2ml |
| Temperature Range | -20°C to 40°C |
| Maximum Speed RPM | 15000 |
| Speed Accuracy | ±20 rpm |
| Maximum RCF | 21380xg |
| The shortest Acceleration time | 25 sec |
| The shortest Deceleration time | 25 sec |
| Overall Dimension | 338x580x324 mm |
| Noise Level | ≤56dB(A) |
| Weight (Net/Gross) | 30 kg |
| Power Supply | 220V/50Hz |

Optional Accessories

| Accessory Code | Name | Description |
|----------------|--------------------------|---|
| BX-102744 | Aluminum alloy rotor kit | Rotor kit with lid, fixing clips and O'ring, 15000rpm, 5mlx18 |
| BX-102745 | Aluminum alloy rotor kit | Rotor kit with lid, fixing clips and O'ring, 15000rpm, 5mlx12 (ependrof tube) |
| BX-102746 | Aluminum alloy rotor kit | Rotor kit with lid, fixing clips and O'ring, 15000rpm, 2ml/1.5mlx24 |
| BX-102747 | Aluminum alloy rotor kit | Rotor kit with lid, fixing clips and O'ring, 15000rpm, 0.5mlx36 |
| BX-102748 | Aluminum alloy rotor kit | Rotor kit with lid, fixing clips and O'ring, 15000rpm, 4xPCR 8 |
| BX-102749 | Rotor adapter | 2ml to 0.2ml rotor adapter, 24pcs/pk |
| BX-102750 | Rotor adapter | 2ml to 0.5ml rotor adapter, 24pcs/pk |
| BX-102751 | Rotor adapter | 0.5ml to 0.2ml rotor adapter, 36pcs/pk |

Cleaning & Disinfection:

- ❑ Switch off the device and disconnect it from the power supply before starting any cleaning or disinfection.
- ❑ The outside of the centrifuge and the rotor chamber should be cleaned regularly with neutral detergents.
- ❑ Only neutral agents may be used for cleaning and disinfection (e.g. diluted neutral alcohol-based disinfectant or 70% isopropanol mixture).
- ❑ Residue from detergents should be removed. Also, remove condensation and clean the condensation tray. Leave the centrifuge lid open.
- ❑ The rotor chamber and the rotor shaft should simply be wiped with a moist cloth. Please clean your rotor using a neutral cleaning liquid. This will protect the rotor and prolong its service life.



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