

## Low Speed Centrifuge

### Scope of Application

Features a brushless DC motor, microcomputer control, digital display, electronic door lock, and over-speed protection for safe and efficient operation. With the ability to set speed, start centrifugal force, and modify operation parameters. Its compact size makes it easy to use and store, and it does not require manual balancing due to its automatic balancing feature.

### Key Features



#### Lightweight Robust Construction

High-strength ABS injection molding for compact design; corrosion-resistant, low-noise operation.



#### RCF-Centric Control

Microcomputer system auto-calculates/sets centrifugal force (RCF); real-time parameter adjustment via dedicated key.



#### High-Torque Motor Performance

DC motor with 300-4,000 rpm range; fast acceleration for efficient processing.



#### Triple Safety Protections

Over-speed, imbalance, and door-cover sensors ensure safe operation.



### Specifications

Model	MLX-2004
Max Speed	4000 rpm
Max RCF	2220 xg
Max Capacity	10ml x 12
Speed Accuracy	± 20 rpm
Timer	1min ~ 99min
Maximum centrifugal medium density	1.2g/ml
Tube Temperature Rise	less than 10°C after running for 20 min
Sound Level	≤ 50dB(A)
Power Supply	110V~/50/60Hz   220-240V~/50/60Hz
Net/ Gross Weight	5.5kg/7kg
Exterior/Packing Dimension (W*D*H)	310 x 270 x 210mm/250 x 310 x 350mm

### Available Rotor

Available Rotor	Capacity	Max.Speed	Max.RCF
	5ml/7ml/10ml x 12	4000 rpm	2220 xg
	15ml/20ml x 8	4000 rpm	2220 xg