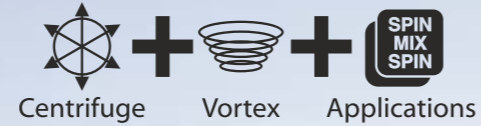


Fugamix³TM

Model: CM-50M



Interface

Timer	Short run
RPM	12300 min ⁻¹
RCF	9300 x G
BREAK	3

Custom-designed **Fugamix-3TM** interface offers outstanding clarity. Automatic rotor recognition alters the display to reflect new parameters and functionality.

Bright.	
Sound	
Sleep	30 sec
Lang.	English

Options

Using the sound, brightness and language options everyone can make the machine more personal and adequate the current operation environment.

Key features

- Simple, yet exceptionally powerful and versatile centrifuge
- Intense vortex for up to 12 x 0.2-2ml tubes with 12 levels of shaking
- Specially-developed shaking mode to imitate hand shaking
- 4 Rotor options with rotor recognition
- Intuitive and clear interface with large color display
- Display preferences include the following:
 - Language
 - Brightness
 - Sleep mode
 - Sound volume
- Sample prep Spin-Mix-Spin mode
- Short Spin button
- 15300 RCF
- Quiet operation
- Imbalance control system with great tolerance
- Strong high tech motor
- Patented motor control driver
- Innovative automatic rotor recognition
- Ultra-smooth vibration-free run, due to unique drive chassis
- Custom Spin-Mix-Spin mode for an array of applications
- Large buttons for separate vortexing or centrifugation

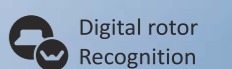
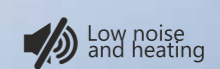


Main control buttons are made of soft tactile rubber and are located separately from the adjustment panel to insure best user experience.



Customizable Spin-Mix-Spin applications are capable of automating the whole list of routine works.

Applications



Standard rotors



Rotor 50.01

Universal high speed rotor for 12 test tubes 0.2 - 2 ml. Patent pending cover cap insures the optimum air flow and incredibly low sample heating.

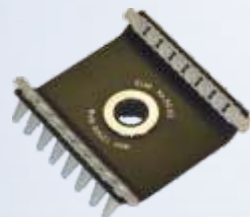
Max:15000 RPM



Rotor 50.02

Specially designed Spin-Mix rotor for 0.2 - 2 ml tubes, that enable mixing and spinning down up to 12 tubes simultaneously in the same rotor.

Max:12500 RPM



Rotor 50.03

Universal PCR strip rotor for two 0.2 ml standard PCR strips.

Max:12500 RPM

CarbonSpin™



Ready to spin columns

Rotor 50.04

The CM-50M **Fugamix-3™** features our patented **CarbonSpin™** rotor. This rotor is composed of precisely machined proprietary aluminum alloy, significantly improving efficiency and ventilation. To reduce the rotors weight while simultaneously increasing efficiency during intensive shake cycles, a custom carbon fiber layer stability ring was implemented. The dependable design allows the user to spin and vigorously shake any substance, including heavy beads, for as long as the experiment requires. Rotor is provided with a specially designed lid, that allows to spin tubes with caps open loaded with columns.

Max:12500 RPM

Technical specifications

Centrifugation speed	RPM	from 1000 up to 15000
Maximum centrifugal force	RCF	15294
Timer	min	from 0.1 up to 99
Number of vortexing modes		12
Custom sample preparation mode		1
Dimensions (L x W x H)	mm	200x180x145
Power supply adapter		24 VDC, 5A
Weight	Kg	3.1