



# CM-50M Fugamix



## Product Description

The Fugamix CM-50M centrifuge is a high performance unique unit, engineered to combine the two most frequently used functions in the laboratory – mixing and spin down – in a single machine. This exciting, one-of-a-kind system will swiftly and efficiently handle both operations either manually or automatically. Powered by V-Spin – the world’s most advanced, patented mixing and liquid-handling technology. The result is huge savings in time, effort, and workspace.

## Features

- Spind down at up to 15,000 RPM
- 12 levels of mixing
- 5 Variable brake speeds
- 3 automated spin-mix-spin programs for sample preparation
- Rapid spin down function
- User friendly interface with big LDC display, easy controls and sound alarm
- Automatic detection and function tuning to selected rotor
- Up to 9 step custom program creation
- Specially-developed shaking mode to imitate hand shaking
- Lid lock
- Imbalance sensor
- Low sample heating – max 10 °C while running at max speed
- Smooth vibration free run


## Specifications

Centrifugation Speed	1,000-15,000 RPM
Maximum Centrifugal Force	15,294 RCF
Timer	from 5 sec up to 99 min
Number of Vortexing Modes	12
Sample Preparation Modes	3
ModesDimensions (L x W x H)	200 x 190 x 140 mm
Power Supply Adapter	24 VDC, 5A
Weight	2.7 kg


## Accessories



**Fugamix Series Rotors 50.01**  
 Universal high speed rotor with patent pending cover cap. Insures optimum air flow and incredibly low sample heating.  
 Total Number of Tubes: 12  
 Max Tube Capacity (mL): 0.2 - 2ml  
 Top Speed (RPM): 15,000



**Fugamix Series Rotors 50.02**  
 Specifically designed Spin-Mix rotor that enables mixing and spinning down tubes simultaneously with the same rotor.  
 Total Number of Tubes: 12  
 Max Tube Capacity (mL): 0.2 - 2ml  
 Top Speed (RPM): 12,500



**Fugamix Series Rotors 50.03**  
 Universal PCR strip rotor for standard PCR strips.  
 Total Number of Tubes: 2 PCR Strips  
 Max Tube Capacity (mL): 0.2ml  
 Top Speed (RPM): 12,500

