



Centrifuge + Vortex CM-50M

Description

Simple, yet exceptionally powerful and versatile centrifuge. Patent pending digital motor driver SkySpin™ that insures extraordinary performance, low noise, low heating and smooth operation.

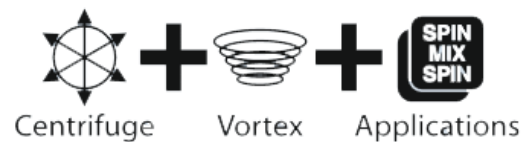
Intense vortex for up to 12 x 0,2 – 2 ml tubes with 12 levels of shaking. Specially developed shaking mode to imitate hand shanking.

Features

- 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
- 15.300 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



CM-50M Centrifuge + Vortex



Centrifuge + Vortex Applications



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



Centrifuge + Vortex CM-50M

Technical Data

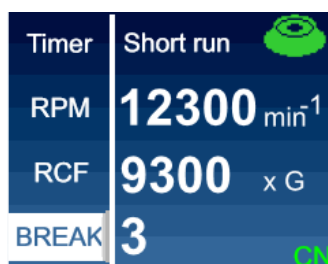
Centrifugal speed	1.000 - 15.000 RPM
Max. centrifugal force	15.294 RCF
Timer	0.1 - 99 min
Number of vortexing modes	12
Custom sample preparation mode	1
Dimensions (L x W x H)	200 x 180 x 145 mm
Power supply adapter	24 VDC, 5 A
Weight	3,1 kg
Order No.	109.2006



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

Worlds Leading Motor technology	Lid lock	Digital imbalance Sensor	Low noise and heating	Digital rotor Recognition
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Display



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



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



Rotoren CM-50M



Rotor 50.01

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

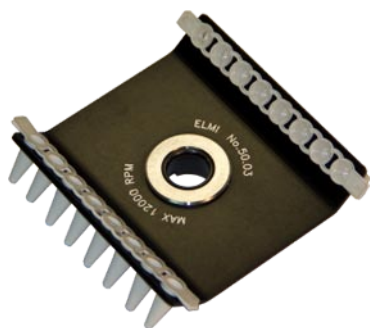
Max: 15.000 RPM



Rotor 50.02

Specially designed Soin-mix rotor for 0.2 – 2 ml tubes, that enable mixing and spinning down up to 12 tubes simultameously in the same rotor.

Max: 12.500 RPM



Rotor 50.03

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

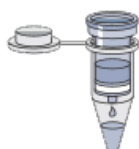
Max: 12.500 RPM



Rotor 50.04 CarbonSpin™

The CM-50M features the patented CarbonSpin™ rotor. This rotor is composed of precisely machined proprietary aluminium 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 rin 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.



Ready to spin columns

Rotor is provided with a specially designed lid, that allows to spin tubes with caps open loaded with columns.

Max: 12.500 RPM