

ELMI CM-50MP Miniprep-Master



Product Description

The new ELMI CM-50MP is the third generation FUGAMIX centrifuge. This innovative unit designed for PCR and DNA extraction combines two of the most common laboratory procedures— centrifugation and mixing. The ELMI CM-50MP also features our patented programs for PLASMID DNA and FAST PLASMID DNA extraction kits. This unique and easy to use technology provides laboratories with a reliable tool for fast, efficient, and accurate extractions.

Accessories



Fugamix Series Rotors 50.04

Our patented CarbonSpin rotor is composed of our proprietary aluminum alloy and a carbon fiber stability ring. Its robust design allows the user to spin and vigorously shake any substance for as long as the experiment requires.

- Total Number of Tubes: 12
- Max Tube Capacity (mL): 0.2 - 2ml
- Top Speed (RPM): 13,500

Features

- Fast Mini Prep program and step by step guide
- Regular Mini Prep program and step by step guide
- Spind down at up to 15,000 RPM
- 12 levels of mixing
- 5 braking levels
- 3 automated spin-mix-spin programs for sample preparation
- Rapid spin function
- User friendly interface with 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

Specifications

Centrifugation Speed	Up to 13,500 RPM
Maximum Centrifugal Force	12,388 RCF
Timer	from 5 sec up to 99 min
Number of Vortexing Modes	12
Plasmid DNA Extraction Modes	2
Number of Centrifuge Brake Levels	5
Total Test Tube Imbalance Limit	0.7 g
ModesDimensions (L x W x H)	200 x 190 x 140 mm
Power Supply Adapter	24 VDC, 5A
Weight	2.7 kg



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