

Compact Medical Centrifuge for Hematocrit Analysis

This hematocrit centrifuge delivers high-performance centrifugation with ergonomic design for modern labs. The compact frame holds up to 24 capillaries per run and achieves results in seven minutes; the rotor lid doubles as an evaluation disc.



ADDITIONAL IMAGES



Overview

High-Performance Hematocrit Centrifugation

The TG12MX is a compact and elegant medical centrifuge designed specifically for hematocrit analysis in modern laboratories and clinical settings. It efficiently processes up to 24 capillaries per run, achieving optimal results within just seven minutes. Featuring a brushless DC motor and microcomputer control, it offers a silent, stable, and user-friendly experience for professional healthcare environments.

Performance Metrics

No.1



Rotor capacity: 24 capillaries
Max. speed: 12,000r/min
Max. RCF: 14,800×g

Specialized hematocrit rotor capable of holding 24 capillaries with a max speed of 12,000 RPM.

Key Performance Metrics

12000 RPM

Max Speed

14800 xg

Max RCF

24 pcs

Capillary Capacity

Technical Specifications

Technical Parameters

Parameter	Value
Model	TG12MX
Speed Accuracy	±30 r/min
Time Range	1 min - 99 min
Noise Level	<55 dB(A)
Motor Type	Brushless Motor
Weight	8 kg

Safety & Control



The intuitive control panel features digital LED displays for precise time and speed management.

Safety & Operational Features

- Microcomputer control with LED display for Speed/RCF and Time
- Electronic safety-lock lid prevents operation while open
- Over-speed and imbalance protection systems
- Emergency lid release available
- Automatic RCF calculation
- Touch panel interface for easy operation

Physical Properties

Dimensions	390 x 275 x 300 mm
Housing Material	ABS Housing

Power Supply

Voltage Supply	AC 110V, AC 230V, 50/60Hz
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Applications

Ideal Applications

Hematocrit Analysis • Clinical Laboratory • Medical Research • Blood Sample Processing

Customization

Customization Options

- Custom Logo branding
- Customized rotor configurations
- OEM/ODM manufacturing support