Steel Microhematocrit Centrifuge 12000 rpm, 15800 xg, 24 Capillaries Hematocrit Centrifuge

Model **MSCFG-12Y(HCT)SWISS** | Brand **Master Science**









The Master Science Steel Microhematocrit Centrifuge is used to determine blood hematocrit and to separate trace blood and trace solutions. Its hematocrit rotor takes 24 capillaries and reaches 12000 rpm and 15800 xg, with speed held to ±10 rpm.

KEY HIGHLIGHTS

- High packing force
- Repeatable runs
- Sturdy build
- Space saving

AT A GLANCE

12000 rpm MAXIMUM SPEED	**24 capillaries** MAXIMUM CAPACITY
AC 110/220 V, 50/60 Hz POWER SUPPLY	**1 s to 99 min 59 s** TIMER

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Contact us for pricing, configuration options and delivery details.

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Overview

The all-steel body, 304 stainless steel chamber and three-stage vibration damping keep runs stable, while the small footprint and low opening height suit benches with overhead shelves.

> For a lighter-duty option with an LCD menu, see our Microhematocrit Centrifuge, 13680 xg, a sibling of the Steel Microhematocrit Centrifuge.

Key Benefits

High packing force
15800 xg at 12000 rpm for capillary hematocrit work.

Repeatable runs
10 stored programs and ±10 rpm accuracy keep results consistent.

Sturdy build
All-steel structure with a 304 stainless steel chamber and multi-layer protective design.

Space saving
Small footprint and low opening height fit crowded benches.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSCFG-12Y(HCT)SWISS
SKU	MSCFG-12Y(HCT)SWISS
Maximum Speed	12000 rpm
Maximum Capacity	**24 capillaries**
Maximum RCF	15800 xg
Speed Accuracy	**±10 rpm**
Timer	1 s to 99 min 59 s
Noise	≤ 58 dB(A)
Power Supply	AC 110/220 V, 50/60 Hz

DIMENSIONS & WEIGHT	
External Dimensions (W x D x H)	350 x 270 x 210 mm
Net / Gross Weight	13 kg / 16 kg
Package Dimensions (W x D x H)	430 x 350 x 290 mm

HOW IT HELPS IN ROUTINE HEMATOCRIT TESTING	
Results vary between runs	Stored programs and ±10 rpm speed accuracy keep conditions the same.
Vibration on light benches	Three-stage damping and automatic balancing steady the unit.
Limited bench height under shelves	Low opening height makes loading easy.
Lid opened during spinning	The electronic door lock and self-check protection prevent it.

Applications

The Steel Microhematocrit Centrifuge is used for
Blood hematocrit determination Separation of trace blood samples Separation of trace solutions Clinical and hospital laboratories

Drive and Control

- High-torque brushless variable-frequency motor, maintenance-free and dust-free
- Microcomputer control with LCD display
- 10 stored programs
- 10 acceleration and 10 deceleration rates

Construction

- All-steel structure
- 304 stainless steel chamber
- Three-stage vibration damping with automatic balance function

Safety

- Induction electronic door lock with emergency release
- Self-check and protection for door lock, overspeed and imbalance

Optional Accessories

- Hematocrit rotor No.05193: 24 capillaries, 12000 rpm, 15800 xg