Compact Microcentrifuge 7000 rpm, 2680 xg Quiet Mini Centrifuge for Tubes and PCR 8-Strips

Model **MSCFG-MINI7ESWISS** | Brand **Master Science**







The Master Science Compact Microcentrifuge 7000 rpm handles fast spins, sample microfiltration, cell isolation and other routine bench procedures in a small, light housing. It reaches 2680 xg and weighs only 0.5 kg.

KEY HIGHLIGHTS

- Simple start and stop
- Low heat rise
- Quiet and smooth
- Secure, swappable rotor

AT A GLANCE

7000 rpm MAXIMUM SPEED	**AC 100-240 V, 50/60 Hz, 20 W** POWER

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www.themsci.com

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Overview

Closing the lid starts the spin, and the rotor accelerates and brakes within seconds. The design keeps wind resistance and heat rise low, and the unit runs at 50 dB or less.

> If a slightly lower speed is enough, compare it with our Mini Microcentrifuge, 5000 rpm alongside the Compact Microcentrifuge 7000 rpm.

Key Benefits

Simple start and stop
Dual start/stop with lid-close operation keeps short spins effortless.

Low heat rise
Low wind resistance limits warming of the samples during runs.

Quiet and smooth
Low vibration and noise of 50 dB or less.

Secure, swappable rotor
Clamp locking holds the rotor, and it changes without tools.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSCFG-MINI7ESWISS
SKU	MSCFG-MINI7ESWISS
Maximum Speed	7000 rpm
Maximum RCF	2680 xg
Rotor Capacity	**0.5/1.5/2.0 mL x 8; 0.2 mL x 32 PCR tubes; 0.2 mL x 4 PCR 8-strips**
Running Time	Continuous operation
Drive Motor	DC motor
Noise Level	≤ 50 dB
Power	AC 100-240 V, 50/60 Hz, 20 W
Ambient Conditions	5-40°C, 80% RH

DIMENSIONS & WEIGHT	
Dimensions (D x W x H)	156 x 166 x 121 mm
Net / Gross Weight	0.5 kg / 2 kg
Shipping Dimensions (D x W x H)	300 x 240 x 220 mm

HOW THIS UNIT HELPS WITH ROUTINE BENCH WORK	
Samples warming in repeated spins	Low heat rise design limits temperature gain.
Bench space is tight	A 156 x 166 mm footprint fits beside other instruments.
Noisy equipment	Smooth running at 50 dB or less.
Time lost changing rotors	Tool-free rotor change takes seconds.

Applications

The Compact Microcentrifuge 7000 rpm is suited to

Fast centrifugation of microtubes Sample microfiltration Cell isolation PCR sample preparation Routine molecular biology and clinical lab work

Operation

- Dual start/stop control
- Lid-close start up to 7000 rpm
- Acceleration and braking in seconds
- Continuous running

Rotor

- Clamp locking rotor design
- Tool-free quick-change
- Compatible with 2 mL x 8 and PCR 8 x 4 rotors

Design

- Small volume with high capacity
- Low wind resistance and low heat rise
- DC motor drive
- AC 100-240 V, 20 W input

Optional Accessories

- 8 x 2 mL rotor
- PCR rotor for 4 x 8-strips (32 x 0.2 mL tubes)