Palm Micro Centrifuge 7000 rpm, 2680 xg Mini Spin-Down Centrifuge for PCR Strips and Tubes

Model **MSCFG-MINI7MSWISS** | Brand **Master Science**







The Master Science Palm Micro Centrifuge is a compact spin-down unit for quick work at the bench. It runs up to 7000 rpm and 2680 xg, and it starts as soon as the lid is closed, so collecting droplets from tube walls or pulling liquid down after mixing takes only a few seconds.

KEY HIGHLIGHTS

- One-step operation
- Fast spin-down
- Quiet bench use
- Flexible formats

AT A GLANCE

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

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Overview

Two plastic rotors cover the usual small formats: 8 tubes of 2.0, 1.5, 0.5 or 0.2 mL, or up to 32 x 0.2 mL PCR strip tubes. Its footprint is just 160 x 170 mm and it runs at 45 dB or less.

> When you need higher force for pelleting, the High-Speed Microcentrifuge, 15000 rpm pairs well with the Palm Micro Centrifuge.

Key Benefits

One-step operation
There is nothing to program: closing the lid starts the rotor.

Fast spin-down
Acceleration and braking take only seconds, which suits repeated short spins.

Quiet bench use
A noise level of 45 dB or less keeps the work area calm.

Flexible formats
Swap between the tube rotor and the PCR strip rotor without tools.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSCFG-MINI7MSWISS
SKU	MSCFG-MINI7MSWISS
Maximum Speed	7000 rpm
Maximum RCF	2680 xg
Rotor Capacity	**0.2/0.5/1.5/2.0 mL x 8; 32 x 0.2 mL PCR strips or 4 x 0.2 mL PCR 8-strips**
Run Time	Continuous operation
Drive Motor	DC motor
Noise Level	≤ 45 dB
Power	AC 100-240 V, 50/60 Hz, 20 W

DIMENSIONS & WEIGHT	
Dimensions (D x W x H)	160 x 170 x 122 mm
Packaging Size (D x W x H)	300 x 240 x 230 mm
Net / Gross Weight	1 kg / 2 kg

SMALL TASKS THAT THIS UNIT HANDLES WELL	
Droplets stuck on tube walls and caps	A few seconds at up to 7000 rpm brings liquid to the bottom.
Waiting for a shared large centrifuge	A personal palm-size unit sits right next to the pipetting area.
Swapping tube sizes takes time	Tool-free rotor change switches between tubes and PCR strips quickly.
Noise in shared lab space	Running at 45 dB or less keeps disturbance low.

Applications

The Palm Micro Centrifuge is useful for
Quick spin-down of microtubes after mixing Microfiltration with spin filters Collecting PCR reaction mixes in strip tubes Molecular biology and genetics labs Clinical and teaching laboratories

Operation

- Starts automatically when the lid closes
- Continuous run mode for as long as needed
- Acceleration and braking within seconds

Rotors

- Quick-change rotors fitted without any tool
- Tube rotor for 8 x 2.0/1.5 mL, with adapters for 0.5 and 0.2 mL
- PCR rotor for 32 x 0.2 mL strip tubes or 4 x 8-strips
- Rotors made of high-strength plastic

Design

- DC motor drive
- Small 160 x 170 mm footprint
- Wide-range power input, AC 100-240 V
- Available in green or blue

Optional Accessories

- Rotor Cat. No.19201164: 8 x 2 mL/1.5 mL, 8 x 0.5 mL, 8 x 0.2 mL, 7000 rpm, 2680 xg
- Rotor Cat. No.19201165: 32 x 0.2 mL PCR strips or 4 x 0.2 mL PCR 8-strips, 7000 rpm, 2680 xg
- 0.2 mL rotor adapter, Cat. No.19400029, 8 pcs/pack
- 0.5 mL rotor adapter, Cat. No.19400026, 8 pcs/pack