Laboratory Magnetic Stirrer - Ceramic Plate Stirrer - 0-1500 rpm - Up to 20 L Capacity

Model **MSMGS-1CSWISS, MSMGS-7SSWISS, MSMGS-6PSWISS** | Brand **Master Science**







The Master Science Laboratory Magnetic Stirrer mixes liquids smoothly and quietly using a rotating magnetic field, with no shaft in contact with the sample. Ceramic-coated top plates resist acids, alkalis and solvents and are easy to wipe clean.

KEY HIGHLIGHTS

- Maintenance-free drive
- Large-volume mixing
- Chemical resistance
- Precise speed (6P)
- Quiet and compact

AT A GLANCE

0 to 1500 rpm (1C, 7S); 200 to 1500 rpm (6P) SPEED RANGE	**20 L (1C); 10 L (7S); 5 L (6P)** MAXIMUM VOLUME (WATER)
30 W (1C, 7S); 10 W (6P) POWER	**the LCD model shows actual rpm.** UNKNOWN STIRRING SPEED

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Overview

Three versions are available: a 5-inch brushless model stirring up to 20 L, a 7-inch glass-ceramic model up to 10 L, and a compact digital model with LCD speed display for volumes up to 5 L.

Key Benefits

Maintenance-free drive
brushless motors on two models need no brush replacement.

Large-volume mixing
the Master Science Laboratory Magnetic Stirrer handles up to 20 L of water.

Chemical resistance
ceramic surfaces withstand spills of aggressive reagents.

Precise speed (6P)
LCD shows actual speed for repeatable mixing.

Quiet and compact
fits benches, fume hoods and incubators.

For heating while stirring, browse the Master Science laboratory instrument range.

Technical Specifications

GENERAL

General	Specifications of the Master Science Laboratory Magnetic Stirrer range:
Brand	Master Science
Model Number	MSMGS-1CSWISS, MSMGS-7SSWISS, MSMGS-6PSWISS
SKU	MSMGS-1CSWISS, MSMGS-7SSWISS, MSMGS-6PSWISS
Models	MSMGS-1CSWISS, MSMGS-7SSWISS, MSMGS-6PSWISS
Top Plate	Ø135 mm stainless steel with ceramic (1C); 184 × 184 mm glass ceramic (7S); 140 × 140 mm aluminium with ceramic (6P)
Motor	Brushless DC (1C, 6P); shaded pole (7S)
Stirring Positions	1
Maximum Volume (water)	20 L (1C); 10 L (7S); 5 L (6P)
Maximum Stir Bar	80 mm (1C, 7S); 40 mm (6P)
Speed Range	**0 to 1500 rpm (1C, 7S); 200 to 1500 rpm (6P)**
Speed Display	Scale (1C, 7S); LCD (6P)

ENVIRONMENT

Protection Class	IP21
Ambient Conditions	5 to 40 °C, 80 % RH

POWER

Power	30 W (1C, 7S); 10 W (6P)
Power Supply	100 to 240 V, 50/60 Hz

DIMENSIONS & WEIGHT

Dimensions	160 × 280 × 85 mm (1C); 215 × 360 × 112 mm (7S); 320 × 180 × 108 mm (6P)
Net Weight	2.8 kg (1C); 3.8 kg (7S); 2.2 kg (6P)

COMMON LABORATORY PROBLEMS AND HOW THIS STIRRER HELPS

Common Laboratory Problems and How This Stirrer Helps	How the Master Science Laboratory Magnetic Stirrer supports everyday mixing:
Manual shaking is slow and uneven	continuous stirring gives homogeneous solutions.
Corroded top plates	ceramic surfaces resist chemicals.
Motor wear	brushless drive lasts longer.
Large batches	high capacity up to 20 L.
Unknown stirring speed	the LCD model shows actual rpm.

Applications

The Master Science Laboratory Magnetic Stirrer is used for

Buffer and reagent preparation Dissolving solids and mixing solutions Titration and pH measurements Media preparation in microbiology Teaching and research labs

Drive

- Brushless DC or shaded pole motor
- Up to 1500 rpm
- Stir bars up to 80 mm

Top Plate

- Ceramic or glass-ceramic surface
- 5-inch, 7-inch or square formats

Control

- Analog scale or digital LCD
- Smooth speed adjustment