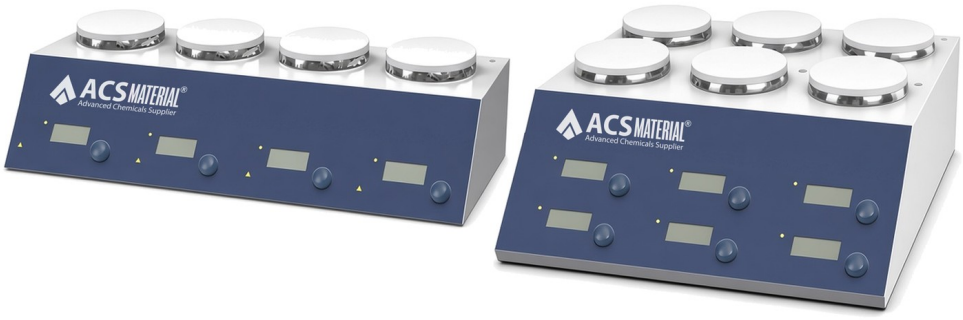
TECHNICAL DATA SHEET

ALab™ MS-M-S4 / MS-M-S6 Multi-Position Magnetic Stirrer

4- and 6-channel magnetic stirrer · Ø134 mm plates · 200 to 1500 rpm · 3 L per channel · LCD



ALab™ MS-M-S4 / MS-M-S6 Multi-Position Magnetic Stirrer

The ALab™ MS-M-S4 (left) and MS-M-S6 (right) Multi-Position Magnetic Stirrers; image shown for reference.

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SECTION I

Product Overview

The ALab™ MS-M-S4 / MS-M-S6 are 4- and 6-channel magnetic stirrers without heating, with Ø134 mm ceramic-coated aluminum work plates. Each channel stirs up to 3 L of water at 200 to 1500 rpm, with its own start/stop, speed setting and LCD.

A spark-free brushless DC motor drives each position; the instrument integrates 4 or 6 positions in a small footprint for parallel stirring.

SECTION II

Core Advantages

- **Channels** — 4 or 6, independent
- **Display** — LCD per channel
- **Motor** — brushless DC
- **Speed** — 200 to 1500 rpm
- **Plates** — Ø134 mm, ceramic coated
- **Capacity** — 3 L per channel

SECTION III

Specifications

Technical data — MS-M-S4 · MS-M-S6

Specifications	
Brand	ALab™ by ACS Material
Models	MS-M-S4, MS-M-S6
ACS Cat. No.	Parent ALMSM46G; ALMSM400, ALMSM600
Work plate dimension	Ø134 mm
Work plate material	Aluminum with ceramic coating
Motor type	Brushless DC motor
Max. stirring quantity per channel [H_2O]	3 L
Maximum stirrer bar length	40 mm
Speed range	200 to 1500 rpm
Speed control accuracy	±20 rpm
Speed display	LCD
Heating	None
Protection class	IP21
Voltage, frequency	100 to 240 V, 50/60 Hz
Permissible ambient temperature and humidity	5 to 40°C, 80% RH

Model comparison

Parameter	MS-M-S4	MS-M-S6
Stirring positions	4	6
Max. stirring quantity [H_2O]	3 L × 4	3 L × 6
Motor rating output	5 W × 4	5 W × 6
ACS Cat. No.	ALMSM400	ALMSM600

Control and design

Function	Detail
Channel control	Independent start/stop, speed and display for each channel
Display	LCD per channel; indicators show the status of each channel
Motor	Brushless DC motor, spark-free and maintenance free
Protection class	IP21

SECTION IV

Applications

The MS-M-S4 and MS-M-S6 provide parallel stirring across 4 or 6 channels without heating.

Parallel stirring of 4 or 6 samples. Specifications are per the tables above.

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