TECHNICAL DATA SHEET

ALab™ MS6-Pro Magnetic Stirrer

LCD digital magnetic stirrer · 140 × 140 mm ceramic-coated plate · 200 to 1500 rpm · 5 L



ALab™ MS6-Pro Magnetic Stirrer

The ALab™ MS6-Pro Magnetic Stirrer; image shown for reference.

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Revision Date **10/23/2026**

SECTION I

Product Overview

The ALab™ MS6-Pro is an LCD digital magnetic stirrer with a 140 × 140 mm aluminum work plate with ceramic coating. It stirs up to 5 L of water with digital speed control at 200 to 1500 rpm.

The high-resolution LCD shows the actual stirring speed, the brushless DC motor is maintenance free, and the ceramic-coated plate is corrosion resistant and easy to clean.

SECTION II

Core Advantages

- **Display** — LCD, actual speed
- **Motor** — brushless DC
- **Capacity** — 5 L
- **Speed** — 200 to 1500 rpm, digital
- **Plate** — 140 × 140 mm, ceramic coated
- **Power** — 10 W

SECTION III

Specifications

Technical data — MS6-Pro

Specifications	
Brand	ALab™ by ACS Material
Model	MS6-Pro
ACS Cat. No.	Parent ALMS6O0F; ALMS6O00
Product type	LCD digital magnetic stirrer with ceramic-coated plate
Work plate dimension	140 × 140 mm
Work plate material	Aluminum cover with ceramic coating
Motor type	Brushless DC motor
Stirring positions	1
Maximum stirring volume [H_2O]	5 L
Maximum stirrer bar length	40 mm
Speed range	200 to 1500 rpm
Speed display	LCD
Protection class	IP21
Motor output power	1.8 W
Power	10 W
Voltage, frequency	100 to 240 V, 50/60 Hz
Dimensions [W × D × H]	320 × 180 × 108 mm
Weight	2.2 kg
Permissible ambient temperature and humidity	5 to 40°C, 80% RH

Control and design

Function	Detail
Speed control	Digital speed control, 200 to 1500 rpm
Display	High-resolution LCD shows the actual stirring speed
Motor	Brushless DC motor, maintenance free
Protection class	IP21

SECTION IV

Applications

Application guidance (magnetic stirrers without heating): environmental (water quality analysis, pesticide residue testing, chemical pollution analysis); research and education (basic chemical experiments, material analysis, liquid mixing).

Specifications are per the tables above.

Revision Date: 10/23/2026

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