TECHNICAL DATA SHEET

ALab™ MS-S Magnetic Stirrer

Magnetic stirrer · Ø135 mm plate · brushless DC motor · 0 to 1500 rpm · 20 L



ALab™ MS-S Magnetic Stirrer

The ALab™ MS-S Magnetic Stirrer; image shown for reference.

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SECTION I

Product Overview

The ALab™ MS-S is a magnetic stirrer with a Ø135 mm (5 inch) work plate, a stainless steel cover with ceramic, and a brushless DC motor. It stirs up to 20 L of water at 0 to 1500 rpm, set on a scale.

Stirrer bars up to 80 mm can be used; motor output power 10 W, power 30 W, 100 to 240 V, 50/60 Hz, protection class IP21.

SECTION II

Core Advantages

- **Plate** — Ø135 mm, steel / ceramic
- **Capacity** — 20 L
- **Speed** — 0 to 1500 rpm scale
- **Motor** — brushless DC, 10 W
- **Stirrer bar** — up to 80 mm
- **Size** — 160 × 280 × 85 mm

SECTION III

Specifications

Technical data — MS-S

Specifications	
Brand	ALab™ by ACS Material
Model	MS-S
ACS Cat. No.	Parent ALMSS00F; ALMSS000
Product type	Magnetic stirrer with 5-inch round plate
Work plate dimension	Ø135 mm (5 inch)
Work plate material	Stainless steel cover with ceramic
Motor type	Brushless DC motor
Stirring positions	1
Maximum stirring volume [H_2O]	20 L
Maximum stirrer bar length	80 mm
Speed range	0 to 1500 rpm
Speed display	Scale
Protection class	IP21
Motor output power	10 W
Power	30 W
Voltage, frequency	100 to 240 V, 50/60 Hz
Dimensions [W × D × H]	160 × 280 × 85 mm
Weight	2.8 kg
Permissible ambient temperature and humidity	5 to 40°C, 80% RH

Control and design

Function	Detail
Speed setting	Knob with scale, 0 to 1500 rpm
Motor	Brushless DC motor
Work plate	Ø135 mm, stainless steel cover with ceramic
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.

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