TECHNICAL DATA SHEET

ALab™ MS-H-S10 10-Position Magnetic Hotplate Stirrer

10-position magnetic hotplate stirrer · 180 × 450 mm plate · RT to 120°C · 0 to 1100 rpm



ALab™ MS-H-S10 10-Position Magnetic Hotplate Stirrer

The ALab™ MS-H-S10 10-Position Magnetic Hotplate Stirrer; image shown for reference.

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SECTION I

Product Overview

The ALab™ MS-H-S10 is a 10-position magnetic hotplate stirrer with a 180 × 450 mm work plate. It heats the plate from RT to 120°C and stirs up to 0.4 L of water at each of 10 positions at 0 to 1100 rpm.

Temperature and speed are set with two knobs on scales; the maintenance-free brushless DC motor gives a maximum speed of 1100 rpm, and over temperature protection is at 140°C.

SECTION II

Core Advantages

- **Positions** — 10 × 0.4 L
- **Speed** — 0 to 1100 rpm
- **Control** — knobs with scales
- **Heating** — RT to 120°C
- **Motor** — brushless DC

SECTION III

Specifications

Technical data — MS-H-S10

Specifications	
Brand	ALab™ by ACS Material
Model	MS-H-S10
ACS Cat. No.	Parent ALMS0E0F; ALMS0E00
Product type	10-position magnetic hotplate stirrer
Work plate dimension [W × D]	180 × 450 mm
Motor type	Brushless DC motor
Stirring positions	10
Maximum stirring quantity [H_2O]	0.4 L × 10
Maximum stirrer bar length	40 mm
Speed range	0 to 1100 rpm
Speed display	Scale
Temperature display	Scale
Heating temperature range	RT to 120°C
Over temperature protection	140°C
Protection class	IP20
Motor rating output	4 W
Heating power	470 W
Power	490 W
Voltage, frequency	100 to 120 V / 200 to 240 V, 50/60 Hz
Published dimensions	182 × 622 × 65 mm
Weight	3.2 kg
Permissible ambient temperature and humidity	5 to 40°C, 80% RH

Control and design

Function	Detail
Temperature setting	Knob with scale, RT to 120°C
Speed setting	Knob with scale, 0 to 1100 rpm
Motor	Brushless DC motor, maintenance free
Safety	Over temperature protection 140°C
Protection class	IP20

SECTION IV

Applications

The MS-H-S10 provides ten positions for parallel heating and stirring of small volumes.

Specifications are per the tables above.

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