TECHNICAL DATA SHEET

ALab™ MS4-H380-E Magnetic Hotplate Stirrer

Magnetic hotplate stirrer · heating range RT + 5°C to 380°C · Max. speed 2000rpm · Max. volume (H_2O) 2L



ALab™ MS4-H380-E Magnetic Hotplate Stirrer

The ALab™ MS4-H380-E Magnetic Hotplate Stirrer; image shown for reference.

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SECTION I

Product Overview

The MS4-H380-E heats from RT + 5℃ to 380℃ and stirs at up to 2000rpm, with a maximum stirring quantity of 2L (H_2O). Separate knobs adjust temperature and stirring speed; indicator lights show operating status. The aluminum work plate conducts heat quickly, and an efficient diversion platform with waterproof design keeps liquid from entering the unit and corroding the electronic components.

SECTION II

Core Advantages

- **Heating range** — RT + 5℃ to 380℃
- **Max. volume (H_2O)** — 2L
- **Work plate material** — Aluminum
- **Max. stirring quantity (H_2O)** — 2L
- **Max. speed** — 2000rpm
- **Work plate dimension** — 120×120mm
- **Stirring positions** — 1
- **Max. magnetic bar length** — 50mm

SECTION III

Specifications

Technical data — MS4-H380-E

Specifications	
Brand	ALab™ by ACS Material
Model	MS4-H380-E
SKU #	ALMS4E00
Product Type	Magnetic hotplate stirrer
Work plate dimension	120×120mm
Work plate material	Aluminum
Stirring positions	1
Max. stirring quantity (H_2O)	2L
Max. magnetic bar length	50mm
Speed range	0-2000rpm
Heating temperature range	RT + 5℃ to 380℃
Controls	Separate knobs for temperature and stirring speed; indicator lights for operating status
Motor type	DC brush motor
Motor rating output	5W
Heating power	200W
Power	205W
Voltage, frequency	100-120V / 200-240V, 50/60Hz
IP protection class	IP21
Dimensions [W×D×H]	235×140×90mm
Weight	1.4kg
Permissible ambient temperature and humidity	5-40℃, 80% RH

Scope of delivery

- Main unit: ALab™ MS4-H380-E Magnetic Hotplate Stirrer

SECTION IV

Applications

The MS4-H380-E is a single-position magnetic hotplate stirrer for heating and stirring up to 2L (H_2O) from RT + 5℃ to 380℃ on a 120×120mm aluminum work plate, with separate knobs for temperature and speed.

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