TECHNICAL DATA SHEET

ALab™ EcoStir7-Plus Magnetic Stirrer

OLED digital magnetic stirrer, 7-inch square plate · speed range 200-2000rpm · Max. volume (H_2O) 4L · timer 0-24h



ALab™ EcoStir7-Plus Magnetic Stirrer

The ALab™ EcoStir7-Plus Magnetic Stirrer; image shown for reference.

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ACS MATERIAL, LLC

959 E Walnut St., Suite 100

Pasadena, CA 91106, USA

Phone +1 (866) 227-0656

Fax +1 (781) 518-0284

contact@acsmaterial.com

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SECTION I

Product Overview

The EcoStir7-Plus OLED digital magnetic stirrer with 7-inch square plate and electrode holder has a reliable design and a powerful stirring ability. It stirs up to 4L (H_2O) at 200-2000rpm; the touch OLED display switches between speed and time, and the timer runs from 0 to 24h. It is an ideal tool for water quality and environmental monitoring, pharmaceutical analysis, food analysis, liquid culture, home brewing, decanting, yeast and bacterial fermentation.

SECTION II

Core Advantages

- **Speed range** — 200-2000rpm
- **Timer** — 0-24h
- **Work plate material** — PET
- **Max. stirring quantity (H_2O)** — 4L
- **Max. volume (H_2O)** — 4L
- **Work plate size** — 168×168mm
- **Stirring positions** — 1
- **Max. magnetic bar length** — 40mm

SECTION III

Specifications

Technical data — EcoStir7-Plus

Specifications	
Brand	ALab™ by ACS Material
Model	EcoStir7-Plus
SKU #	ALECOS00
Product Type	OLED digital magnetic stirrer, 7-inch square plate
Work plate size	168×168mm
Work plate material	PET
Stirring positions	1
Max. stirring quantity (H_2O)	4L
Max. magnetic bar length	40mm
Speed range	200-2000rpm, ±50rpm
Speed setting	OLED
Timer function	0-24h
Motor type	Brushless DC motor
Motor output power	1.2W
Power	7.2W
Voltage, frequency	100-240V, 50/60Hz, or DC 12V power adapter
Protection class	IP21
Dimensions [W×D×H]	176×172×55mm
Weight	0.5kg
Permissible ambient temperature and humidity	5-40°C, 80% RH

Scope of delivery

- Main unit: ALab™ EcoStir7-Plus Magnetic Stirrer

SECTION IV

Applications

The EcoStir7-Plus is a single-position magnetic stirrer for up to 4L (H_2O) on a 168×168mm square plate, with OLED speed and time display and a support for pH or other sensors: water quality and environmental monitoring, pharmaceutical and food analysis, liquid culture and fermentation.

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