TECHNICAL DATA SHEET

ALab™ EcoStir-E Square Plate Magnetic Stirrer

Square plate magnetic stirrer · 120 × 115 mm PET plate · 300 to 2000 rpm · 2 L · 12 V available



ALab™ EcoStir-E Square Plate Magnetic Stirrer

The ALab™ EcoStir-E Square Plate Magnetic Stirrer; image shown for reference.

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SECTION I

Product Overview

The ALab™ EcoStir-E is an economical square-plate magnetic stirrer with a 120 × 115 mm PET work plate and a maintenance-free brushless DC motor. It stirs up to 2 L of water at 300 to 2000 rpm, set on a scale.

It is a basic and ideal tool for electrochemistry measurements, water and environment monitoring, drug or food analysis and liquid culture mixing. The compact design has a small footprint, and 12 V operation is available for mobile labs.

SECTION II

Core Advantages

- **Plate** — 120 × 115 mm PET
- **Motor** — brushless DC
- **Supply** — 12 V available
- **Capacity** — 2 L
- **Speed** — 300 to 2000 rpm
- **Footprint** — 150 × 144 mm

SECTION III

Specifications

Technical data — EcoStir-E

Specifications	
Brand	ALab™ by ACS Material
Model	EcoStir-E
ACS Cat. No.	Parent ALECOE0F; ALECOE00
Product type	Square plate magnetic stirrer
Work plate size	120 × 115 mm
Work plate material	PET
Motor type	Brushless DC motor
Stirring positions	1
Maximum stirring volume [H_2O]	2 L
Maximum stirrer bar length	40 mm
Speed range	300 to 2000 rpm
Speed setting	Scale
Protection class	IP21
Motor output power	1.2 W
Power	8 W
Dimensions [W × D × H]	150 × 144 × 54 mm
Weight	0.3 kg
Permissible ambient temperature and humidity	5 to 40°C, 80% RH

Control and design

Function	Detail
Speed setting	Knob with scale, 300 to 2000 rpm
Motor	Brushless DC motor, maintenance free
Mobile use	12 V voltage available for mobile labs
Protection class	IP21

SECTION IV

Applications

Electrochemistry measurements, water and environment monitoring, drug or food analysis and liquid culture mixing.

Specifications are per the tables above.

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