TECHNICAL DATA SHEET

ALab™ FlatSpin Ultra-Flat Compact Magnetic Stirrer

Ultra-flat compact magnetic stirrer · Ø90 mm PET plate · 15 to 1500 rpm · 0.8 L · 15 mm high



ALab™ FlatSpin Ultra-Flat Compact Magnetic Stirrer

The ALab™ FlatSpin Ultra-Flat Compact 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

Revision Date **10/23/2026**

SECTION I

Product Overview

The ALab™ FlatSpin is an ultra-flat compact magnetic stirrer, only 15 mm high, with a Ø90 mm PET work plate. It stirs up to 0.8 L of water at 15 to 1500 rpm with automatic reverse rotation.

The PET top gives excellent chemical resistance, and the compact shape takes less bench space and makes storage easier. It is a perfect stirrer for titration with a bottle-top burette.

SECTION II

Core Advantages

- **Height** — 15 mm, 0.3 kg
- **Mixing** — automatic reverse rotation
- **Plate** — Ø90 mm PET
- **Power** — 5 W
- **Speed** — 15 to 1500 rpm
- **Use** — titration

SECTION III

Specifications

Technical data — FlatSpin

Specifications	
Brand	ALab™ by ACS Material
Model	FlatSpin
ACS Cat. No.	Parent ALFLAN0F; ALFLAN00
Product type	Ultra-flat compact magnetic stirrer
Work plate dimension	Ø90 mm
Work plate material	PET
Stirring positions	1
Maximum stirring volume [H_2O]	0.8 L
Maximum stirrer bar length	40 mm
Speed range	15 to 1500 rpm
Rotation	Automatic reverse rotation
Protection class	IP21
Power	5 W
Voltage, frequency	100 to 240 V, 50/60 Hz
Dimensions [W × D × H]	175 × 120 × 15 mm
Weight	0.3 kg
Permissible ambient temperature and humidity	5 to 40°C, 80% RH

Control and design

Function	Detail
Rotation	Automatic reverse rotation for excellent mixing
Work plate	Ø90 mm PET top, excellent chemical resistance
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).

Titration with a bottle-top burette in analytical chemistry. Specifications are per the tables above.

Revision Date: 10/23/2026

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