

# Spectra/Por® Magnetic Stirrer

## Introduction

Designed with durability, reliability, and safety in mind the Spectra/Por Magnetic Stirrer has a precision, high-speed control system, ranging from 60 - 1500 rpm, with a continuously smooth revolution pattern. The technically advanced PCB board eliminates electrical overload and regulates energy distribution. The bearing-type motor maintains gentle revolution over the lifetime of the equipment. The Spectra/Por Magnetic Stirrer features a heat-resistant, anti-corrosive, aluminum body with a high quality powder coating. The ceramic coated stainless steel top plate provides excellent chemical resistance, especially against strong acids and bases.

## Benefits

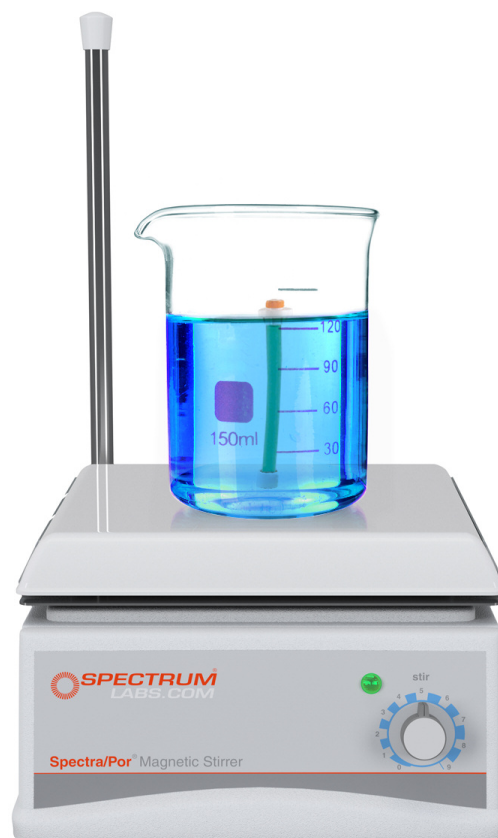
- Small footprint, ideal for benchtop workspace
- Ceramic coated stainless steel top plate suitable for large glassware
- Responsive turn knob for precise adjustment of speed
- Includes support rod, excellent for mounting thermometers
- CE Certified

## Features

Speed Range	60-1500 rpm
Controller	Electronic Solid State
Material	Ceramic Coated Stainless Steel
Overall Dimensions	8.5 x 10 x 4.5 in (21.5 x 25.4 x 11.4 cm)
Plate Dimension	7.3 x 7.1 in (18.5 x 18 cm)
Power Consumption	Max. 500 watt, 3.0 amp

## Order Info

Part No.	Description
135000	Spectra/Por Magnetic Stirrer (120 V, 60 Hz)
135001	Spectra/Por Magnetic Stirrer (220 V, 50/60 Hz)



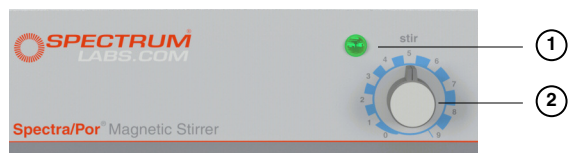
## Spectra/Por® Magnetic Stirrer

### Instructions for Use

This manual contains important operating and safety information. Carefully read and understand the contents of this manual prior to operating this instrument. Install this instrument in conformance with local electrical codes. For safe operation, please pay attention to the alert symbols throughout the manual.

### Control Panel

1. Stir Lamp: Green light illuminates when motor is on
2. Speed Control Knob: ON/OFF and stirring speed control



### Main Body

3. Support Rod ————— (3)
4. Support Rod Screw
5. Fuse
6. Power Cord
- (4)
- (5)
- (6)

### Operating Instructions:

1. Place the Spectra/Por Magnetic Stir Plate on a flat and level surface.
2. Plug unit into power supply. The voltage must correspond to the voltage listed on the product name-plate.
3. Turn speed control knob to turn on unit (light will illuminate).
4. Adjust speed control knob to slowly increase rotational speed of magnetic stir bar.
5. If magnetic stir bar disassociates from rotational stirring, reduce speed on the stirrer until stir bar re-associates and rotates smoothly.

### Warning:

1. Use a properly grounded electrical outlet with the proper voltage and current handling capacity as specified on the name-plate.
2. Disconnect from power supply before servicing or cleaning.
3. Always place the stir plate on a flat and level surface.
4. Do not use in the presence of flammable or combustible materials; fire or explosion may result. This device contains components which may ignite such materials.
5. Replace the top plate immediately if damaged by scratching or chipping. A damaged top plate can shatter during use.
6. Do not remove or modify the grounded power plug. Use only properly grounded outlets to avoid shock hazard. The instrument is not rated for use in hazardous atmospheres.
7. Use appropriate hand and eye protection when handling hazardous chemicals.
8. Use qualified personnel for servicing this instrument.

### Service:

In the event that service or technical support is required, please contact Spectrum, Inc.



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