



# ES-AG3MR & ES-AG3MRC

Digital Heating  
Magnetic Stirrers



LABORATORY



# ES-AG3MR / MRC

## Digital Heating Magnetic Stirrers

- Ergonomic and lightweight digital magnetic stirrer
- Adjustable speed and temperature by rotary knobs
- ABS case and plate with IP42/IP21 protection class.
- Reliable device, noiseless and easy to use
- Adjustable speed up to 1500rpm
- Adjustable temperature from 50C° to 280C°
- Speed and temperature displayed on the LED digital display
- Microprocessor control technology
- Optional external temperature sensor PT1000
- Stainless steel with corrosion-resistant coated or ceramic coated hotplate
- 50°C HOT warning indicates residual hotplate temperature.

### Technical Features:

Working plate material	Cod. <b>ES-AG3MR</b> Stainless Steel
	Cod. <b>ES-AG3MRC</b> Ceramic
Dimension of working plate	Ø 135 mm
Motor type	DC motor
Motor rating input	5 W
Motor rating output	3 W
Power	500 W
Voltage	200-240 VAC
Frequency	50/60 Hz
Stirring positions	1
Max. stirring quantity (H <sub>2</sub> O)	3 L
Max. magnetic bar (L x Ø)	50mm
Speed range	100 to 1500 rpm
Speed/Temperature display	LED
Temperature range	50°C to 280°C
Temperature display accuracy	± 1 °C
Control accuracy of work plate	± 1 (<100°C) ± 1% (>100°C)
Safety temperature	320°C
Control accuracy with optional external temperature sensor PT1000	± 0,5°C
Heating warning	50°C
Protection class according to DIN EN60529	IP21
Dimension	260x150x80 mm
Weight	1,8 Kg
Ambient temperature	5 - 40°C
Permissible relative humidity	80%

### Optional Accessories:

Cod. <b>ES-C20100</b>	Support clamp for PT-1000 sensor
Cod. <b>ES-C20110</b>	PT-1000 temperature sensor
Cod. <b>ES-C10005</b>	Magnetic bars, 10x6mm, box of 5 pcs
Cod. <b>ES-C10010</b>	Magnetic bars, 15x8mm, box of 5 pcs
Cod. <b>ES-C10015</b>	Magnetic bars, 30x6mm, box of 5 pcs
Cod. <b>ES-C10020</b>	Magnetic bars, 40x8mm, box of 5 pcs
Cod. <b>ES-C10025</b>	Magnetic bars, 50x8mm, box of 5 pcs
Cod. <b>ES-C10030</b>	Silicon protection



Cod. **ES-AG3MR** - Version with Stainless Steel working plate



Cod. **ES-AG3MRC** - Version with Ceramic working plate



Cod. **ES-AG3MRC** +  
Cod. **ES-C20100** +  
Cod. **ES-C20110**



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