

GENAXY®

Customer Satisfaction Through Business Ethics



GENAXY Magnetic Stirrer- HOT-MAGSTIR

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The hotplate magnetic stirrer is used for mixing and heating the aqueous solutions for a variety of chemical reactions such as synthesis etc.

GENAXY™ magnetic hotplate stirrers are designed to deliver accurate and repeatable results in all research, academic and industrial applications. With temperature ranges up to 250°C, and stirring speeds reaching 2000 rpm, GENAXY™ magnetic hotplate stirrers provide proper mixing and superior temperature control.

- Excellent temperature uniformity and powerful stirring
- Easy to read, digital displays temperatures and speed
- Industry-leading safety features
- 3-year warranty

These microprocessor-controlled units feature a front-facing control panel with an easy-to-read digital display that displays temperature settings & speed settings.

Magnetic hot plate stirrers are available with aluminum top plate material. Durable aluminum tops will not crack or chip and offer an even heating surface. For additional safety, a large, hot symbol warning light is illuminated when the hot plate is in use, this remains lit until the top plate is below 40 °C. The HOT-MAGSTIR is equipped with redundant safety controls, which will shut down the unit in case of overtemperature or heater malfunction.



The enhanced electronics in HOT-MAGSTIR regulate the robust heater, which brings samples to the desired temperature quickly and more efficiently. The low-profile design utilizes minimal bench space and allows use within a fume hood. The housing of HOT-MAGSTIR is constructed of heat and chemical-resistant polymers that remain cool to the touch during operation. The spill-resistant design channels fluids away from the internal components in the event of a spill.

- **PRECISE THERMOREGULATION:** hotplate stirrers work with external temperature controllers such as the Pt100 probe and the Digital thermo-regulator ensuring premium accuracy from 0.5 °C to 1 °C.
 - Choose HOT-MAGSTIR with the aluminum top covered with a thin ceramic layer.
- Certifications: ISO & CE.

All of our stirrers have the CE mark and the 3-Year Warranty ensuring these products are designed and manufactured to resist years of use with maximum safety.

Technical Specification

Model	Magnetic Stirrer- HOT-MAGSTIR
Number of stirring positions	1
Stirring quantity max. per stirring position (H2O)	2L
Motor rating output	2 W
Speed adjustment	scale 0 – 10
Speed range	100 - 2000 rpm
Heat output	400 W
Heating temperature range	room temp. - 250 °C
Heat control	scale 1 - 6
Fixed safety circuit	400 °C
Set-up plate material	stainless steel
Platform Size	140mm
Dimensions (W x D x H)	150X230X110mm
Weight	3.5kg
Platform	Round
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	IP 21
Voltage	220 - 240 V
Frequency	50/60 Hz
Power input	415 W