

# Heating Magnetic Stirrer

AREC-F20510011 / AREC-F20500011

Speed range 50 ~1500 rpm

Stirring capacity 15L

Overall power 800W



**For general laboratory use and for all applications requiring precise regulation of stirring speed and heating plate temperature.**

Ceramic heating plate obtains higher temperature compared to traditional aluminium heating plate and takes less time to heat the sample. Ceramic is an inert and very hard material resistant to almost any type of chemical or mechanical aggression. Its surface characteristics remain unaltered over time.

This magnetic stirrer is used to mix liquids using a magnetically driven stir bar placed inside the vessel. The size and shape of the magnetic stir bar determines the stirring efficiency at any given speed.

The instrument is turned on using the ON/OFF button. Stirring speed and temperature of the heating plate are adjusted using relative knobs on the front panel. Values are indicated on the digital display.

## Specifications

Programmable temp. range	5°C~550°C	
Type of temperature control	Digital	
Overtemperature protection	Yes	
Stirring capacity	15L of H <sub>2</sub> O	
Programmable speed range	50-1500 rpm	
Type of motor control	Electronic	
Noise level	<< 80 dBA	
Temperature range	+5 ...+40°C	
Storage temperature range	-10 ... +60°C	
Maximum humidity	80%	
Maximum altitude	4000m	
Power supply	115V 60Hz (F20510011) 230V 50-60Hz (F20500011)	
Dimensions WxHxD	203 x 94 x 344 mm	
Weight	3.5 kg	
Overall power	800W	
Dimensions of the heating plate	180 x180 mm	
Optional accessories	Magnetic stir bar ø6x35mm	A00001056
	Magnetic stir bar ø10x40mm	A00001060
	Magnetic stir bar ø9.5x60mm	A00001061
	Hemispheric bowl for 250ml flasks	A00001071
	Hemispheric bowl for 500ml flasks	A00001072
	Hemispheric bowl for 1000ml flasks	A00001073
	Support rod	A00001069
	Knob	10002097
	Foot	10000239

