

AREC Digital Ceramic Top Hot Plate Stirrer

New Evolutionary Ceramic Top Hot Plate Stirrer

- Ceramic top plate for a fast heating-up to higher temperatures
- Microprocessor technology for maximum control accuracy
- Unique design for a safer use in an ergonomic solution



Velp Scientifica is proud to introduce a new Lab Solution which further widens its Heating Magnetic Stirrers line.

AREC is highly resistant to corrosion, extremely easy to clean and is provided with a **reflective white ceramic top**, excellent for observing changes of colour (e.g. titrations,...).

Microprocessor technology provides precise temperature control up to 540° C while the digital display allows to constantly visualize the set temperature.

Safety is a priority which combines with a unique design and an excellent ergonomics.

The **“Hot Plate” indicator light** protects the operator from burns, both during operations and when the instrument is switched-off and the surface is still hot.

The **control panel is separated** from the ceramic top assuring completely safe operations, while the large knobs are angled upwards for easy operation.

AREC is the newest product of VELP Stirring Line for the most demanding applications!

Features and Benefits

AREC Ceramic Top Hot Plate Stirrer is a **compact unit** built in a **low profile** aluminium die-casting housing with a paint purposely studied and tested assuring a high resistance to chemicals and mechanical agents.

The white ceramic top-plate ensures **top of the class heating-up time** (from room temperature to 540°C **in just few minutes !!**) as well as **high resistance** to alkali/acid corrosion, chemical attacks, scratches and **easy maintenance**.

Microprocessor-controlled feed-back technology provides precise temperature and speed control by assuring consistent performance. The built-in electronic system keeps the stirring speed constant, even when the viscosity of the liquid changes (counter- reaction). The powerful magnet allows a constant strong control of the stirring bar and prevents its decoupling at every speed (max speed 1300 rpm).

Innovative design with **control panel separated from the ceramic top**, assuring complete safe operations. The bright red digital display visualizes repeatable and accurate temperature settings and stirring function on/off...

Safety features include a "**Hot Plate**" **digital warning system** which is constantly displayed during operations when the temperature is above 50°C and flashes when the unit is switched-off until the temperature is cooled to below 50°C.

Performance, long-term reliability, safety, design: everything you wish is in AREC.

Technical Data	Description
Construction material:	epoxy painted aluminium structure
Heating plate:	ceramic material
Dimensions of the heating plate:	200 x 200 mm (7.9 x 7.9 in)
Protection rating CEI EN 60529:	IP 42
Display:	reading of the set temperature
Electronic speed regulation:	up to 1300 rpm
Electronic temperature control:	from room temperature to 540 °C
Stirring volume (H ₂ O):	up to 15 liters
Counter-reaction:	technology to assure a constant speed even if sample viscosity changes
Stirring system:	high-power driving magnet operated by a mono-phase motor for continuous operation
Power Supply:	230V/ 50-60Hz or 115V/ 50-60Hz
Power:	800 W
Weight:	3,9 Kg (8.6 lb)
Dimensions (W x H x D) :	205 x 96 x 335 mm (8 x 3.7 x 13.2 in)

Ordering Information	Description
Code No	
F20500010	AREC Heating magnetic stirrer (230V / 50-60 Hz)
F20510010	AREC Heating magnetic stirrer (115V / 50-60 Hz)
A00001056	Magnetic stirring bar, 6 x 35 mm
A00001061	Magnetic stirring bar, 9,5 x 60 mm
A00001071	Hemispheric bowl for 250 ml flasks
A00001072	Hemispheric bowl for 550 ml flasks
A00001073	Hemispheric bowl for 1000 ml flasks
A00001069	Support Rod



Your authorized agent:

MS-L GmbH Laborgeräte
 Münchäckerweg 46-48
 D-69168 Wiesloch bei Heidelberg

Tel: 06222 / 93 56-60 * Fax: 06222 / 93 56-66
www.MS-l.de * info@MS-L.de

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VELP Scientifica srl
 via Stazione 16
 20040 Usmate (Milano) Italy
 Tel +39 039 628811
 Fax +39 039 6288120
inse@velp.it
www.velp.com