

# Digital Ceramic Hot Plate Stirrer - AREC.X

**Powerful digital, square hot plate stirrer with a socket for the connection of a VTF Vertex digital thermoregulator for direct temperature control of the liquid.**



[AREC.X with VTF - Package](#)

[230 V / 50-60 Hz](#)

[SB20500061](#)

## Included in the package:

F20500061 AREC.X Heating Magnetic Stirrer 230V/50-60Hz

A00001069 Support Rod

F208B0063 VTF Thermoregulator Fuzzy Logic



## Unmatched Operation

- **Ceramic** heating plate resists acids, bases and solvents
- Technopolymer casing resists chemicals, scratches and surface abrasions
- Maximum temperature **550 °C**
- Accepts up to **15 liter** flasks
- Electronic speed regulation up to **1500 rpm**

## Precise Results

- **SpeedServo™** ensures constant speed even when the viscosity changes
- Controls to  $\pm 0.5$  °C with [VTF](#),  $\pm 1$  °C with **probe**
- VTF incorporates **timer** for unsupervised operation and increased productivity
- **Digital setting** and display for temperature and time (on VTF)

## Practical Solution

- White ceramic plate ideal for color change observation
- Metal vessels can be used on the ceramic plate
- Low profile design for a heated model

## Safety Above All

- **Hot** plate warning displayed while cooling to below 50 °C
- Control panel is separated from the heating plate
- IP 42 protection
- Protection from liquid spills with run-off groove

## Convenient to Use

- Inclined control panel for easy access and visibility

- High visibility **LED display** of temperature (on AREC.X)
- High power PCM-type driving magnet

### Choice of Packages

- **AREC.X**, stand-alone
- **AREC.X** can be also supplied with PT100 probe
- **AREC.X** also available supplied with [VTF](#) (+ support rod)

GENERAL FEATURES	
Construction material:	technopolymer structure
Heating plate:	ceramic material
Dimensions of the heating plate:	180x180 mm (7.9x7.9 in)
Protection rating CEI EN 60529:	IP 42
Set temperature visualization:	digital display LED
Power:	800 W
Weight:	3.3 Kg (7.3 lb)
Dimension (WxHxD):	203x94x344 mm (8x3.7x13.5 in)
PERFORMANCE	
Electronic speed regulation:	up to 1500 rpm
Electronic temperature control:	from room temp. to 550 °C
Sample thermoregulation:	± 0.5 °C by using the Vertex thermoregulator; ± 1.0 °C by using external temperature probe
Stirring volume (H2O):	up to 15 liters
Stirring system:	high-power driving magnet type "PCM" operated by a mono-phase motor for continuous operation
Vertex connection:	provided
Counter-reaction:	constant speed
"Hot Plate Warning"	whenever the top plate temperature is over 50 °C

## Product Code

Description	Power Supply	Code
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**AREC.X**

230 V / 50-60 Hz

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