



## Aluminum Hot Plate Stirrer - AREX Digital

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**Advanced digital hot plate stirrer with CerAlTop™ aluminum alloy and ceramic coating, for precisely set speed and temperature. It can be connected to Pt100 and/or VTF for direct temperature control of the liquid.**

### Unmatched Operation

- Outstanding temp. uniformity with **CerAlTop™** aluminum alloy heating plate
- Excellent **resistance** to chemicals scratches and surface abrasions
- Maximum temperature **370 °C**
- Accepts up to **20 liter** flasks
- Electronic speed regulation up to **1500 rpm**
- Excellent speed control, even at low speeds
- High power PCM-type driving magnet

### Reliable & Precise Results

- **SpeedServo™** ensures constant speed even when the viscosity changes
- Digital setting and displays for temperature and time
- Direct temperature control using **probe** or [VTF Vertex digital thermoregulator](#)
- VTF incorporates **timer** for unsupervised operation and increased productivity

### Convenient Format

- Available packaged with **probe** (AREX Digital) or [VTF](#) (AREX Digital PRO)
- High visibility LED displays visible from a distance

### Sample & User Safety

- **Programmable maximum safety temperature**
- **Hot plate warning** displayed while cooling to below 50 °C
- Control panel is IP 42 protected from liquid spills with run-off groove

### Ergonomic Design

- Inclined control panel for easy access and visibility
- **AluBlocks™** maximize temperature control & save handling time

- Run different tubes by combining **AluBlocks™**

#### Choice of Models

- **AREX Digital** works with PT100 probe only (supplied)
- **AREX Digital PRO** includes VTF Vertex digital thermoregulator (+ support rod)

GENERAL FEATURES	
Construction material:	epoxy painted aluminium structure
Heating plate:	aluminum alloy coated with ceramic coating
Heating plate diameter:	155 mm
Digital display:	one for speed, one for temperature
Pt100 connection:	provided, both for AREX Digital and AREX Digital PRO
Vertex connection:	provided, only for AREX Digital PRO
Protection rating CEI EN 60529:	IP 42
Power:	630 W
Weight:	2.6 Kg (5.7 lb)
Dimensions (WxHxD):	165x115x280 mm (6.5x4.5x11 in)
PERFORMANCE	
Electronic speed regulation:	up to 1500 rpm
Counter-reaction:	constant speed
Electronic temperature regulation:	from room temp. to 370°C
Maximum safety temperature digitally settable:	temperature limit can be set between 50 and 370 °C
Overtemperature safety circuit	
"Hot Plate Warning"	whenever the top plate temperature is over 50 °C
Sample thermoregulation:	± 0.5 °C by using the Vertex thermoregulator (AREX Digital PRO); ± 1.0 °C by using Pt100
Stirring volume (H2O):	up to 20 liters
Stirring system:	high-power driving magnet type "PCM" operated by a mono-phase motor for continuous operation

