

# AREX 5 Advance Hot Plate Stirrer



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# AREX 5 Advance Hot Plate Stirrer

State-of-the-art heating magnetic stirrer combining powerful performance, advanced safety features, several connectivity options, and enhanced user experience. Designed to meet the highest demands, it ensures precision, efficiency, and uncompromising safety in every experiment.

**Stirring Capacity:** Up to 20 L (H<sub>2</sub>O)  
**Speed Range:** 30 – 1700 rpm

**Elevating Laboratory Standards**

- Set temperature ramps, monitor viscosity, switch stirring modes, and streamline workflows with advanced timing and connectivity.
- Remote control and monitoring via VELP Ermes Cloud Platform.
- Save and transfer data via USB.

**Precise Thermoregulation**

- Maximum control for temperature-sensitive tasks with Pt100 Pt1000 probe or VTF Digital Thermoregulator.
- When connected to probes two modes available: Fast (rapid heating) and Fine (minimized overshoot).
- Thermoregulation range: ambient to 310 °C.

**Advanced Stirring**

- Durable brushless motor with strong magnetic coupling.
- Stirs up to 20 L from 30 to 1700 rpm.
- Auto-reverse, intermittent mode, and adjustable speed limit.

**Safety First**

- A tempered glass panel ensures clear visibility and enhanced chemical resistance.
- Built-in safety features: lock button, over-temperature protection, and safety circuits.
- “Hot” warning remains active above 50 °C, even when heating is off.

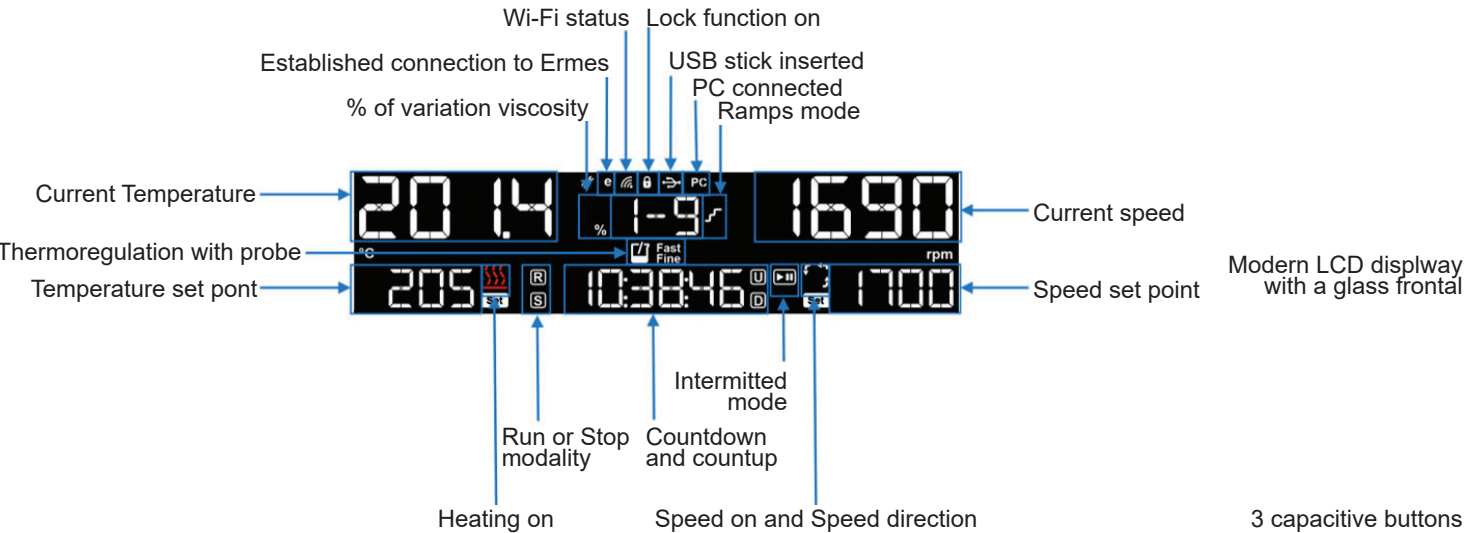
Item #	Description	Price
CG-1997-V-610	AREX 5 Advance Hot Plate Stirrer with probe	\$1,195.00*
CG-1997-V-650	AREX 5 Advance Hot Plate Stirrer with probe; vertical support rod, boss head, and support/holding rod	\$1,270.00*

\*Chemistry Equipment and Hardware Product line



Nemko mark indicates compliance with the following standards CSA and UL

User interface	Digital
Housing material	Aluminum body - Technopolymer enclosure
Plate material	CerAlTop™
Plate diameter	135 mm
Stirring volume (H <sub>2</sub> O)	20 L
Stirring speed range	30 - 1700 rpm
Speed control	Digital
Motor	Brushless
Torque compensation	SpeedServo™
Temperature range	Room temp. - 310 °C
Heating control	Digital
Temperature setting resolution	1°C
External temperature sensor connection	Pt100, Pt1000, VTF
Thermoregulation range	Room temp. - 310 °C (Pt100, Pt1000) Room temp. - 300 °C (VTF)
Thermoregulation accuracy	± 0.5 °C (VTF) ± 1 (Pt100, Pt1000)
Hot top warning system	On Display (temperature > 50 °C)
Timer	Yes (1 s - 99 h 59 min)
Autoreverse	Yes (5 s - 99 h 59 min)
Intermittent mode	Yes (5 s - 99 h 59 min)
Settable rotation direction	Yes: clockwise and counterclockwise
Viscosity trend measurement	Yes
Ramps	Up to 9 temperatures, up to 9 speeds
Safety lock	Yes
Connetivity	Ermes Cloud Platform via Wi-Fi CotrollerSoft™ PC and pendrive via USB-C
Protection class	IP 42
Power input	630 W
Weight	1.9 kg (4.2 lb)
Dimensions (WxHxD)	160x85x270 mm 6.3 x 3.3 x 10.6 in





**BUY 2  
GET 1  
FREE\***

# Magnetic Hot Plate Stirrer

\*Participation in this offer is restricted to purchases at list price of CG-1997-V-50, Digital Magnetic Hot Plate Stirrer. Purchase two hot plate stirrers and get a third hot plate stirrer for free. Visit website to see full rules for this promotion.



- **Integral timer** - 1min to 99h:59min
- Ceramic-coated, aluminum top is **scratch-proof & chemical resistant**.
- **Industry leading** magnetic strength with extremely accurate stirring.
- **Bright white LED** and illuminated icons.
- **Fast**, precise heating and regulation.
- **Torque compensation and auto reverse** of stirring direction.
- **PT100 Probe** included.
- Service interval / service lifetime meter.
- **Adjustable safety temperature** circuit and overheat protection.



Item #	Description	Price
CG-1997-V-50	COMPLETE Digital Hot Plate Kit, AREX-6 with probe, with Vertical Support Rod, Boss Head, and Support/Holding Rod, 115V	\$1,100.75*

\*Chemistry Equipment and Hardware Product line