

AREX 6 Digital PRO Heating Magnetic Stirrer with VTF and Support Rod

up to 1700 rpm - up to 20 liters

Digital heating magnetic stirrer with ceramic coated aluminum plate, timer, rotation inversion that ensures maximum precision in thermoregulation and stirring of the sample.

Safety first AREX-6 Digital PRO are equipped with **2 independent temperature reading circuits** that protect the instrument in case of malfunction of one of the two. If the **probe** is not inserted in the sample being analyzed, the instrument stops heating, showing a safety message on the display.



AREX-6 Digital PRO are equipped with the most advanced technology and allow you to set the **maximum temperature limit** required by analyzes with specific temperatures.

AREX-6 Digital PRO is an **IP42** product designed to guarantee years of use and resistance in the laboratory. The structure and materials protect the internal parts of the instrument from possible damage. The **silicone cover** ensures further protection of the instrument from possible spills or splashes. **State-of-the-art thermoregulation AREX-6 Digital PRO** offers the best thermoregulation available. The PID thermoregulation system guarantees **stable**, **fast** temperature control with **minimum overshoot** **VTF** and **Pt100** probe allow accurate and precise temperature control. It is possible to choose between **2 different thermoregulation modes** :

- **FAST** : The set temperature is reached quickly.
- **FINE** : The set temperature is reached slowly by minimizing overshoot.

New interface for easy use The **bright LED display** and **intuitive icons** allow easy reading of the instrument's working conditions. The connection of the probe or thermoregulators, the activation of the heating, the reaching of the set temperature, the activation of the timer and the inversion of rotation are information provided by the new **icons** .

Lock the tool by pressing the middle button for 3 seconds, a white LED flashes if an interaction is detected. The speed and temperature are set precisely by the sensitive **knobs** , and are activated only after a light pressure. **AREX-6 Digital PRO** is equipped with an **advanced menu** that allows you to configure the instrument with the characteristics that best suit the needs of the individual laboratory.

Digital version supplied with VTF digital thermoregulator and support rod

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Unprecedented performance

The **brushless motor** allows stirring **up to 20 liters** at an adjustable speed **from 30 to 1700 rpm**. Thanks to the **SpeedServo™** system, the speed is kept constant even when the viscosity changes.

The **Alnico magnet** guarantees homogeneous stirring, even in the peripheral areas of the plate and a powerful magnetic coupling

between the motor and the stir bar, a very important aspect with the use of accessories.

The **CerAlTop™ plate**, made of aluminum alloy coated with a ceramic layer, guarantees homogeneous and fast heat transfer over the entire surface. In addition, the thin ceramic layer protects the plate from scratches and chemicals.

Integrated timer and reverse rotation

Accessories

Oil baths and heating mantles replaced with spherical caps

The new **spherical caps** are the perfect solution to replace oil baths and heating mantles. Furthermore, they adapt perfectly to both the plate diameter of **135 mm** and the shape of the tubes allowing a fast transfer of heat from the plate to the tube.

To increase protection and reduce heat loss, has designed the new **PTFE covers**.

More versatility with the new MonoAlublock™ and MultiAlublock™

The MultiAlublock™ and the new MonoAlublock™ made of aluminum are ideal for carrying out numerous agitation and heating analyzes, reducing time and space in the laboratory.

- **MonoAlublock™** are the ideal solution for all those applications that require analysis in tubes of the same size.
- **MultiAlublock™** are modular and of different types to support various tube sizes. Thanks to their modularity, it is possible to choose the mix that best suits your needs

External dimensions of the product

| | |
|--------|--------|
| Height | 105 mm |
| Width | 160 mm |
| Depth | 280 mm |
| Weight | 2.6 Kg |

| Code | Description | Digital Version | PT 100 Probe | Rod Support | VTF |
|----------|--|-----------------|--------------|-------------|-----|
| V1512460 | AREX 6 Digital PRO Heating Magnetic Stirrer with VTF and Support Rod | yes | yes | yes | yes |