

AREX Digital PRO

Heating Magnetic Stirrer

Advanced solution, aluminum alloy top coated with ceramic

- Digital display for finely adjust and control temperature and stirring speed
- Powerful magnet for powerful stirring (up to 1500 rpm)
- Optimum heat transfer, up to 370 °C; excellent temperature homogeneity
- Different configurations: with Pt 100 or VTF
- Safety temperature limit digitally settable



The AREX Digital PRO is the **state-of-the-art hot plate stirrer** with **aluminum alloy top** to provide a **uniform heat distribution** over the entire surface, coated with a **protective ceramic layer** that ensures ease of cleaning and **excellent resistance** to chemicals, scratches and abrasions. This hot plate stirrer ensures precise thermoregulation of the heating plate as well as a high degree of reliability and safety. Low consumption combines energy efficiency with proven performance.

AREX Digital PRO offers **the most advanced technology**, as it is equipped with digital display to **finely set and monitor the stirring speed and the temperature**. It has been **designed to last** and equipped to ensure maximum protection against leakages with the elevated front panel and dedicated run-off groove. The control panel is separated from the hot plate, this feature increases the safety rating during use and the **durability** of the instrument.

AREX Digital PRO supports the **AluBlocks™**, economic solution which allows lab technicians to perform different heating and stirring experiments with **the widest flexibility**. Create your own working station able to support different sizes of test tube with these modular solutions.

AluBlocks™ are made from aluminum, for an **excellent heat transmission and homogeneity**.

In case of bigger flasks, AREX Digital can be used with **aluminum hemispheric bowls**, with different capacities: 100, 250, 500 and 1000 ml.

Features and Benefits

The AREX Digital PRO ensures high performance in terms of **temperature transmission, homogeneity and stability across the entire surface.**

Aluminum alloy top plate ensures an outstanding temperature homogeneity and optimum heat transfer across the entire surface. The **protective white ceramic coating** that ensures ease of cleaning and **excellent resistance to chemicals**, scratches and surface abrasions.

By turning the left knob, it is possible to adjust the **temperature (up to 370 °C)**, whilst the right one controls the **stirring speed (up to 1500 rpm)**.

AREX Digital PRO can be programmed with a **maximum safety temperature**, useful for some particular applications that require not to exceed certain temperatures, and preventing unintentional heat up.

The control panel is easily accessible, is positioned at a safe distance from sources of heat and is protected against possible damage caused by liquid spills thanks to a **dedicated run-off groove**. The pressure die-cast structure is designed so that accidental liquid spills cannot reach the internal parts of the unit.

The hot plate stirrer AREX Digital PRO offers a highly innovative **low profile and attractive design** for an outstanding comfort.

| Technical Data | Description |
|--|---|
| Construction material: | epoxy painted aluminum structure |
| Heating plate: | aluminum alloy coated with ceramic coating |
| Dimensions of the heating plate: | Ø 135 mm |
| Protection rating CEI EN 60529: | IP 42 |
| Display: | set speed, set and real temperature reading |
| Electronic speed regulation: | up to 1500 rpm |
| Speed accuracy: | ± 2% |
| Electronic temperature control: | from room temperature 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 |
| Stirring volume (H ₂ O): | up to 20 liters |
| Connections: | external probe Pt100 or VTF |
| 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: | 630 W |
| Weight: | 2.6 kg (5.7 lb) |
| Dimensions (W x H x D) : | 165x115x280 mm (6.5x4.5x11.0 in) |

| Ordering Information Code No | Description |
|------------------------------|---|
| SA20500410 | AREX Digital PRO with Probe - Package 230 V / 50-60 Hz |
| SA20510410 | AREX Digital PRO with Probe - Package 115 V / 50-60 Hz |
| SB20500410 | AREX Digital PRO with VTF - Package 230 V / 50-60 Hz |
| SB20510410 | AREX Digital PRO with VTF - Package 115 V / 50-60 Hz |
| SC20500410 | AREX Digital PRO with Probe, Rod and Clamp - Package 230 V / 50-60 Hz |
| SC20510410 | AREX Digital PRO with Probe, Rod and Clamp - Package 115 V / 50-60 Hz |

Your authorized agent:

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