JOHN GODRICH

Industrial Test & Mixing Equipment

Datasheet

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John Godrich in Partnership with VELP

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AREX Digital PRO

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
- VTF Vertex digital thermoregulator included
- 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 **special 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.

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.

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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 **special 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)**.

It comes complete of **VTF digital thermoregulator** in a ready-to-use solution, that ensures **perfect and precise thermoregulation** up to 300 °C, with **premium accuracy of ± 0.5 °C**. In addition, VTF is **equipped with a timer**, for **unattended operation and increased productivity**. Alternatively, it can be connected to the **external probe Pt100** which works up to 250 °C, ± 1.0 °C accuracy.

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 155 mm
Protection rating CEI EN 60529:	IP 42
Display:	set speed, set and real temperature reading
Electronic speed regulation:	up to 1500 rpm
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_2O):	up to 20 liters
Connections:	VTF Vertex digital thermoregulator (included) and external probe Pt100
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
SB20500410	AREX Digital PRO with VTF - Package 230 V / 50-60 Hz
SB20510410	AREX Digital PRO with VTF - Package 115 V / 50-60 Hz

Your authorized agent:

We reserve the right to make technical alternations
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