

# THERMOREGULATOR



## VTF VERTEX DIGITAL THERMOREGULATOR

The **VTF** uses **Fuzzy Logic technology** and is suitable for many applications where precise thermoregulation is required. A **user-friendly** probe positioning system allows the operator to adjust the position of the probe **easily** and **quickly**. Thanks to the derivation element PW 10, the VTF can be used with all types of heating devices such as water and oil baths, heating plates, etc. The VTF Vertex comes complete with temperature probe and power cable for direct connection to the hot plate stirrers **AREX** and **AREC.X**.

VTF offers the **highest standards on the market**, in terms of accuracy and performance: **perfect and precise thermoregulation** up to 300°C, with premium accuracy of  $\pm 0.5$  °C, and **exclusive timer**, which means that the thermoregulation time can be pre-set.

INSTRUMENT	POWER SUPPLY	CODE No
VTF	12 V dc	F208B0063



### GENERAL FEATURES AND PERFORMANCE

THERMOREGULATION RANGE °C	from -10 to +300°
RESOLUTION °C	0,2
ACCURACY °C	$\pm 0.5$
TIMER HH:MM	from 00:00 to 24:59
PROTECTION RATING CEI EN 60529	IP54
DIMENSIONS (WxHxD)	75x145x120 mm (3,0x5,7x4,7 in)
WEIGHT Kg (lb)	0,3 (0,7)

OPTIONAL ACCESSORIES	CODE No
Derivation element PW 10	A00000001
Probe extension cable, 1 m	A00000002
Glass probe	A00000003
Clamp for PT100 probe	A00000280
TEMPSoft™ *	A00000244

\* only for **VTF EVO**, including Wireless DataBox™ and cable

## VTF EVO WI-FI DIGITAL THERMOREGULATOR

The **VTF EVO** is a unique wireless temperature **data logging** system offering state-of-the-art technology, reliability and flexibility. Thanks to the **Wi-Fi connection** of the Vertex and the **TEMPSoft™** software is now possible to control the temperature of the sample and adjust all the temperature parameters **directly from the computer**. The operator can easily set working ramps (different time and temperature) and the desired set points with the possibility of minimum and maximum temperature alarm thresholds along with **data collection** and **monitoring**. The VTF EVO sends the data to the Wireless **DataBox™** that allows the communication between the VTF EVO and the PC allowing unattended operations and increasing the productivity. The VTF EVO is equipped with the VELP unique integrated system to simplify the installation on the support rod and can be used combined with the most common heating magnetic stirrers for unparalleled performance.

INSTRUMENT	POWER SUPPLY	CODE No
VTF EVO	12 V dc	F208B0064



### GENERAL FEATURES AND PERFORMANCE

THERMOREGULATION RANGE °C	from -10 to +400°
RESOLUTION °C	0,2
ACCURACY °C	$\pm 0.5$
TIMER HH:MM	from 00:00 to 24:59
PROTECTION RATING CEI EN 60529	IP54
DIMENSIONS (WxHxD)	75x145x120 mm (3,0x5,7x4,7 in)
WEIGHT Kg (lb)	0,3 (0,7)



A00000001 A00000002 A00000003 A00000280