

Monitor and Control Apparatus



Electronic controller "Electemp-TFT"



NEW DESIGN

FEATURES

- Temperature range: -150 °C to 1300 °C
- Stability: ± 0.1 °C.
- Resolution: ± 0.1 °C Pt 100 / ± 1 °C K Type probe.
- Touch screen**
 - Main On/Off switch.
 - Acoustic and visual alarm.
 - Clock calendar.
 - Up to 10 work programs.
 - Up to 6 segments per program.
 - Stability time in each segment (from 1 min to 99h).
 - Ramps between segments.
 - Alarms and events storage.
 - Probe error detection.
 - Self Diagnostics.
 - Network failure detection and saving.
 - Over temperature and low temperature alarms and memorization (date, start time, end time and temperature).
 - Safety thermostat (TS) by software.
 - RS-232 and USB output.
 - Software for PC.
 - Temperature control auto-tuning.
 - Manual user on screen.
 - Configurable parameters: Date / time, temperature correction, data collection interval, language (English, Spanish and French), °C / °F selection, over temperature and low temperature limit.

CONTROL PANEL

- Setpoint temperature and time indicator.
- Temperature limit indicator.
- Timer virtual pushbutton.
- Reverse virtual pushbutton.
- Start virtual pushbutton.
- Stop virtual pushbutton.
- Programming virtual pushbutton.

BACK PANEL

- Power output (SCHUKO plug) 3100 W at 230 V.
- Protection fuse.
- Pt100 probe connection.
- K type probe connection.
- Data output.

APPLICATIONS

Digital thermometer.
To control and display temperature in any equipment with temperature control system, that uses a contact thermometer, such as: Baths, Immersion thermostats, Hotplates and Hotplate stirrers, Mantles, etc.
Can also be used by a immersion thermostat controlling a heater element. (maximum power 3100 W).
As a regulator or temperature reader in equipment that are labelled with

MODEL

Part No.	Height / Width / Depth cm (exterior)	Max. power W (at 230 V)	Weight Kg
3000897	10.5 13.5 21	3100	1.250

ACCESSORIES

- Pt 100 probe.** Immersion dimensions: 4 mm \varnothing , 130 mm length. Cable: 150 cm length.
Part No. **1000893**
- Type K probe.** Immersion dimensions: 2 mm \varnothing , 150 mm length. Cable: 150 cm length.
Part No. **1000895**



Electronic contact thermometer "Sensoterm II"

DIGITAL DISPLAY, PT 1000 PROBE, AISI 304 STAINLESS STEEL.
STABILITY ± 1 °C, ± 1 DIGIT. RESOLUTION ± 1 °C.



ONLY SUITABLE FOR INSTRUMENTS THAT CAN USE AN ELECTRICAL CONTACT THERMOMETER.

FEATURES

Advantages include a separate temperature probe that maintain the main body away from steam and other vapours. Safer than a glass contact thermometer, eliminating the risk of broken it and a mercury spillage.
Main body made of ABS plastic.

TECHNICAL DATA

- Temperature range: from -50 °C to 300 °C.
- Temperature probe: 3.5 mm \varnothing x 250 mm immersion.
- Temperature Display: 8 mm high LCD display.
- Ambient working range: 0 to 60 °C and a relative humidity of 80 %.

MODEL

Part No.	Height / Width / Depth cm (exterior)	Weight Kg
1001009	13 7 2.4	0.250



Instruments labelled with that can use the electronic controller "Electemp-TFT" and the electronic contact thermometer "Sensoterm".



Sand Bath
"Combiplac-Sand"
Parts No. 6000708 and 6000709.



Hotplate - Rectangular
"Combiplac"
Parts No. 3000156 and 3000718.



Hotplate - Circular
"Combiplac"
Parts No. 3002301 and 3002302.



Magnetic Stirrers "Agimatic"
Parts No. 7000243, 7002431,
7000446, 7001511, 7001609,
7000837 and 7000838.

NOTE: Any equipment that can be connected to an electrical contact thermometer can also be used with an "Electemp-TFT" or "Sensoterm" unit.