

Monitor and Control Apparatus



Electronic controller "Electemp-TFT"

FEATURES

Reading 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.
- Temperature control auto-tuning.
- Configurable parameters: Date / time, temperature correction , data collection interval, language (English, Spanish and French) , °C / °F selection , over temperature and low temperature limit.
- Cool/heat regulation.

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.

APPLICATIONS

Digital thermometer from -150 °C to 1300 °C.
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, Heating and cooling equipments, etc... (temperature from ambient +5 °C to 1300 °C.
Can also be used by a immersion thermostat controlling a heater element. (maximum power 3100 W).



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 Ø, 130 mm length. Cable: 150 cm length.

Part No. **1000893**

Type K probe. Immersion dimensions: 2 mm Ø, 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 Ø 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  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. 7000271, 7000273,
7000272, 7000280, 7000281,
7000837 and 7000838.