

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 \emptyset , 130 mm length. Cable: 150 cm length.

Part No. **1000893**

Type K probe. Immersion dimensions: 2 mm \emptyset , 150 mm length. Cable: 150 cm length.

Part No. **1000895**