

Monitor and Control Apparatus



Electronic controller "Electemp"



FEATURES

Digital temperature controller with a user configurable microprocessor.
For AUTOTUNNING and automatic adjustment to the material being measured. (solid, liquid, air).
Temperature range: -150 °C to 1300 °C. (Temperature probe dependent).
Precision ± 0.1 °C.
Resolution ± 0.1 °C with Pt 100 probe.
 ± 1 °C with a K type probe.
Functions: ON/OFF P.I.D. control.

CONTROL PANEL

Main On/Off switch.
"On" Indicator lamp.
Indicator lamp of "external device connected".
Real time digital temperature display.
Set temperature display.
Push button to "increase value".
Push button to "decrease value".
Push button to P.I.D hysteresis.
Push button control in °C or °F, temperature limits.

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
3000887	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**



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 \emptyset 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



NEW



Instruments labelled with that can use the electronic controller "Electemp" 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,
7001610 and 7000836.

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