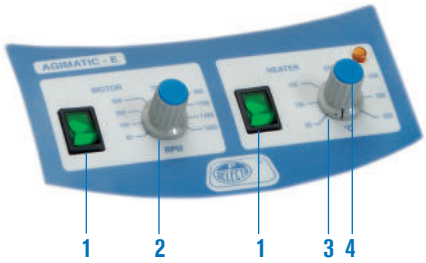
“Agimatic-E” with heating

ELECTRONIC TEMPERATURE CONTROL OF SPEED AND POWER TO THE HEATER.
FROM 50 °C TO 350 °C PRECISION ±2 °C.

CONTROL PANEL

1. Switch on button with indicator lamp for heating and for stirring speed.
2. Electronic stir speed control.
3. Electronic temperature control of the heater plate from 50 °C to 350 °C synchronised with an indicator lamp that functions when the plate is hot.
4. Illuminated heater indicator when the heater is “on”. Precision ±2 °C.





MODEL

	Part No.	Maximum stir volume litres	Height/width/Depth (exterior) cm	Power W	Weight Kg
AGIMATIC-E	7000273	**up to 10**	**14,5 19 26**	**550**	**3,2**

Supplied with a PTFE coated stir bar of Ø 8 x 40 mm long.

Complements for Agimatic-S-N-E and Agiman.
See accessories on page 31 and 32.

Magnetic stirrer “Agiman”

ELECTRONIC CONTROL OF SPEED AND POWER TO THE HEATER.
WITH A MECHANISM FOR ATTACHING HEATING MANTLES.

CONTROL PANEL

1.Switch on button with indicator lamp for heating and for stirring speed.
2.Electronic stir speed control.
3.Electronic heater energy control from 0-100%, synchronised with an indicator lamp that goes on when the mantle is hot.
4.Illuminated heater indicator when the mantle is “on”.



MODEL

	Part No.	Maximum stir volume litres	Height/width/Depth (exterior) cm	Weight Kg
AGIMAN	7000272	**up to 2**	**14,5 19 26**	**3,5**

Supplied with a PTFE coated stir bar of Ø 10 x 32 mm long.

ACCESSORIES

Attachable heating mantle for the “Agiman” magnetic stirrer.

Part No.	Capacity flask ml	Power W
3000457	250	130
3000458	500	270
3000459	1000	410
3000460	2000	530

Complements for Agimatic-S-N-E and Agiman.
See accessories on page 31 and 32.

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.

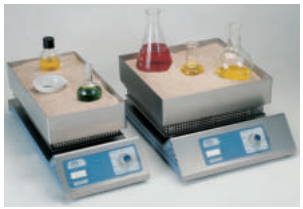
TECHNICAL DATA

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.