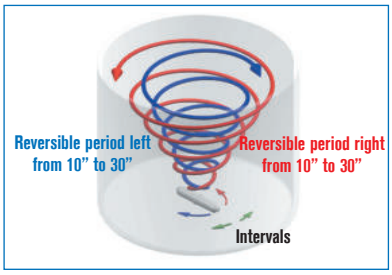
Reversible magnetic Stirrers “Agimatic-Rev-TFT” and “Agimatic-Rev-TFT-C”

Forefront technology with TFT touch screen
MAINTENANCE-FREE BRUSH LESS - DC MOTOR



FOR SPEEDS FROM 100 TO 1500 rpm.
FOR ADJUSTABLE TEMPERATURES FROM 30 °C TO 350 °C. PRECISION ±2 °C.
MAXIMUM STIR VOLUME: 10 LITRES. PLATE Ø IS 14,5 cm.
MAGNETIC REVERSIBLE ACTION STIRRERS, WITH ADJUSTABLE TIME STIRRING PERIODS AND PRECISE SPEED CONTROL, PROVIDES THE FOLLOWING ADVANTAGES FOR REPEAT PROCESSES:
A.- FASTER MIXING, REDUCED STIRRING TIME. B.- CONTROLLABLE VORTEX EFFECT. C.- QUICKLY ELIMINATES AIR FROM WITHIN THE SAMPLE MIXTURE, DEGASSING. D.- MINIMUM SPLASHING, NO LOSS OF SAMPLE.
SELECT MOVEMENT FOR ONE DIRECTION OR REVERSE.
ELECTRONIC CONTROL OF THE FREQUENCY INVERTING PERIOD, FROM 10-30 SECONDS.
MEMORY UP TO 10 WORKING PROGRAMS. AUTOMATIC CYCLES UP TO 6 SEGMENSTS WITH TEMPERATURE PROGRAMMING, RPM AND TIME.

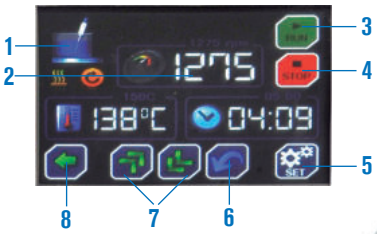
“Agimatic-Rev-TFT” with heating

ELECTRONIC DIGITAL CONTROL OF STIR SPEED AND HEATER TEMPERATURE.
WITH REMOVABLE SAFETY RING AGAINST SPILLAGE.

SILUMIN UPPER PLATE COVERED BY AISI 304 STAINLESS STEEL.

CONTROL PANEL

1. Probe position indicator.
2. rpm, temperature and time reading.
3. Start up.
4. Stop.
5. Settings.
6. Backward.
7. Increase/decrease parameters value.
8. Cursor.







MODEL

	Part No.	Maximum stir volume litres	Height/width/Depth (exterior) cm	Power W	Weight Kg
Agimatic-Rev-TFT	7000837	up to 10	14,5 19 26	550	3,5

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

Complements for Agimatic-Rev-TFT and Rev-ED-C
see accesories on pages 31 and 32.

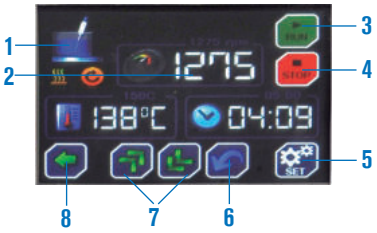
“Agimatic-Rev-TFT-C” with heating

ELECTRONIC DIGITAL CONTROL OF STIR SPEED AND HEATER TEMPERATURE.
WITH REMOVABLE SAFETY RING AGAINST SPILLAGE.

SILUMIN UPPER PLATE WITH CERAMIC SURFACE.

CONTROL PANEL

1. Probe position indicator.
2. rpm, temperature and time reading.
3. Start up.
4. Stop.
5. Settings.
6. Backward.
7. Increase/decrease parameters value.
8. Cursor



MODEL

	Part No.	Maximum stir volume litres	Height/width/Depth (exterior) cm	Power W	Weight Kg
Agimatic-Rev-TFT-C	7000838	up to 10	14,5 19 26	550	3,5

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

Ceramic surface:
Excelent conducitity and heat distribution.
Unalterable surface.
Higher acceleration to reach temperature.
Extreme resistance against chemical agents and scratches.





Complements for Agimatic-Rev-TFT and Rev-ED-C
see accesories on pages 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.

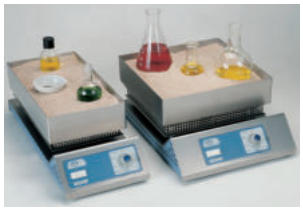
TECHNICAL DATA

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.