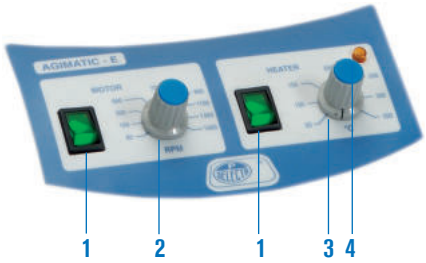
“Agimatic-E” with heating

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.

Histology paraffin section mounting bath “Termofin”

ADJUSTABLE TEMPERATURE FROM 40 °C TO 80 °C.
STABILITY ±1 °C.



APPLICATIONS
Suitable for the fusion and preservation of paraffin wax in a liquid state that enables the user to see the floated sections.

FEATURES
Aluminium inner tank and lid with a P.T.F.E. matt black coating. Thermometer location hole in the lid to read temperature.

CONTROL PANEL
Mains power ON/OFF switch. Hydraulic temperature thermostat regulator synchronised with an indicator lamp.

MODEL

Part No.	Capacity litres	Ø (usable)	Height cm	Ø (exterior)	Height cm	Power W	Weight Kg
3000459	4	25	10	34	14	430	2.3

Comes complete with lid and thermometer.

ACCESSORY
Thermometer support (can only be used without the lid).
Part No. 6004591
NOTE: Wax dispenser (see page 217).

Precise reciprocal shaking baths controled by microprocessor “Unitronic Reciprocating Shaking Bath” and with refrigeration “Unitronic Reciprocating Shaking Bath C”

UNITRONIC RECIPROCATING SHAKING BATH LINEAR: TEMPERATURE RANGE FROM AMBIENT +5 °C TO 99.9 °C.
UNITRONIC RECIPROCATING SHAKING BATH C LINEAR: TEMPERATURE RANGE FROM 0 °C TO 99.9 °C.
STABILITY ±0.05 °C HOMOGENEITY ±0.1 °C, SET TEMP. ERROR ±1 °C, RESOLUTION 0.1 °C.

SAFETY:
DIN 12877 STANDARD. THE UNIT WILL CUT OUT IF THERE IS INSUFFICIENT LIQUID OR IF THE BATH TEMPERATURE EXCEEDS THE SET TEMPERATURE. A MANUAL RESET ADJUSTABLE TEMPERATURE SAFETY THERMOSTAT IS PLACED AT THE BACK OF THE UNIT.

Reciprocal linear agitation, controllable from 10 to 100 oscillations per minute

Controllable time from 1 minute to 99 hours 59 minutes

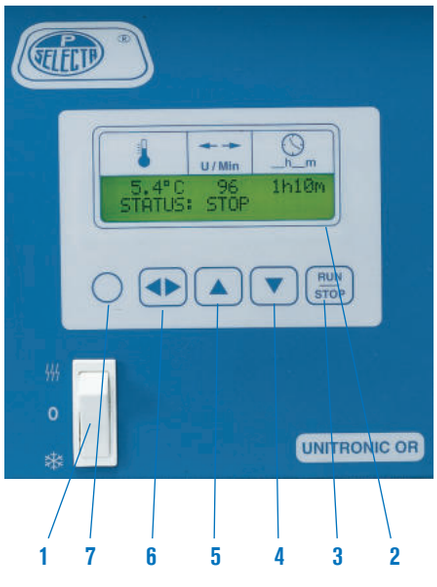
MICROPROCESSOR CONTROL WITH DIGITAL DISPLAY AND PUSH BUTTON TEMPERATURE, SPEED AND TIME SELECTION. RS-232 INTERFACE FOR PRINTER OR COMPUTER OUTPUT.

RS232

APPLICATIONS
Cell culture and biological samples, yeasts and general applications that require stable and reproducible temperatures.

COMMON FEATURES
Linear motion sliding tray from 10 to 100 oscillations per minute, with a variable stroke length of 32 or 46 mm.
Digital display and selection of temperature, oscillations and time.
Temperature sensor: thermo-resistant Pt100.
Rack frame support made of AISI 304 stainless steel incorporated in the tank that can accommodate a selection of flasks and racks.
Internal tank made of AISI 304 stainless steel with an external case of AISI 304 stainless steel.
Built in drain tap.
Ventilated hermetically sealed compressor for refrigeration in the “Unitronic - C”.

CONTROL PANEL
1. Mains power switch.
2. LCD screen that shows:
   - Temperature, oscillations per minute and time.
   - Alarms: set temperature and probe failure.
   - Configuration: °C or °F, temperature calibration and set working temperature limits.
3. Push button Start/ Stop.
4. Push button to decrease value.
5. Push button to increase value.
6. Push button for parameter selection: temperature, strokes per min. and time.
7. Push button for configuration.



Cooling plate “Plac-Center”

DIGITAL DISPLAY WITH ANALOGUE TEMPERATURE CONTROLLER.
ADJUSTABLE TEMPERATURES FROM -10 TO 5 °C.



APPLICATIONS

Designed to keep material in a solid state.

FEATURES

External case made of AISI 304 stainless steel. Cooling plate made of black anodised aluminium.
Anti vibration, hermetically sealed CFC free compressor.

CONTROL PANEL

Illuminated Mains ON/OFF switch.
Analogue electronic temperature control with digital display (2 digits).
Resolution: ±1 digit.
Temperature probe: PTC.

MODEL

Part No.	Width/Depth (plate) cm	Height/Width/Depth (exterior) cm	Power HP	Power W	Weight Kg
4000501	30 15	27 33 50	1/3	160	15

Wax dispenser “Dispenser”

ADJUSTABLE TEMPERATURE FROM AMBIENT +5 TO 100 °C.
STABILITY ±1.5 °C.



FEATURES

External metal case coated with epoxy. Internal tank made of aluminium coated with black indelible PTFE. Independently heated tap.

CONTROL PANEL

Illuminated Mains switch.
Indicator lamp shows when the heater is on.
Adjustable temperature thermostat controller.
Adjustable tap temperature controller.

MODEL

Part No.	Capacity litres	Ø / Height (usable) cm	Ø / Height (exterior) cm	Power W	Weight Kg
4000490	4	20 15	28 30	400	5

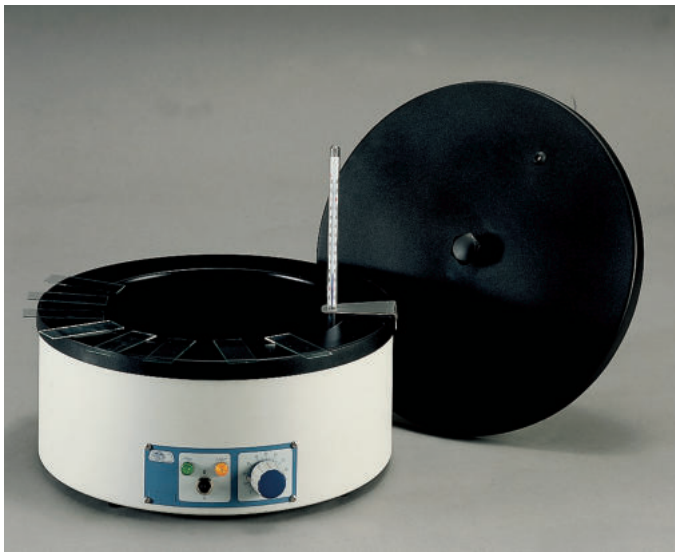
Paraffin wax floating out bath for histology samples “Termofin”

ADJUSTABLE TEMPERATURE FROM 40 °C TO 100 °C. STABILITY ±1 °C.

APPLICATIONS

Suitable for the fusion and preservation of paraffin wax in a liquid state that enables the users to see the floated sections.

PTFE coated lid



FEATURES

Bath and lid made of black PTFE. coated aluminium with a location hole in the lid for a thermometer.

CONTROL PANEL

Mains ON/OFF switch. Adjustable temperature thermostat synchronised with an indicator lamp while heating.

MODEL

Part No.	Capacity litres	Ø / Height (usable) cm	Ø / Height (exterior) cm	Power W	Weight Kg
3000459	4	25 10	34 14	430	2.3

Supplied complete with lid and thermometer.

ACCESSORY

Thermometer support (can only be used without the lid).
Part No. 6004591

Heating mantle for flasks and funnels “Fibroman-1”

WITH TRIPOD SUPPORT STAND.

APPLICATIONS

Suitable for round bottom flasks, decanting funnels and reaction flasks with a bottom drain.

FEATURES

- Woven mineral fibre mantle.
- Epoxy coated exterior.
- On/Off switch.
- Safety earth.



MODELS

Part No.	Flask capacity ml	Ø /Height (Exterior dims.) cm		Ø cm Bottom hole	Tripod Height cm	Power W	Weight Kg
3049111	1000	24	10.5	8	34	410	1.5
3049121	2000	28.5	12	8	36	530	2.5
3049151	5000	37.5	17.5	9	38	840	3.5
3491101	10000	43.5	20	9	43	1400	5
3491201	20000	48	25	12	36	2300	13

Due to its capacity the part no. 3491200, 20000 ml capacity is manufactured in a cylindrical case.
Controller (pages 303 and 306).

Heating mantle for flasks

ADAPTABLE FOR THE “AGIMAN” STIRRER UNIT.

MODELS

Part No.	Flask capacity ml	Ø / Height (Exterior dims.) cm		Power W	Weight Kg
3000457	250	15	6.5	130	0.8
3000458	500	17	7	270	0.9
3000459	1000	20	8.5	410	1
3000460	2000	24	11	530	1.5

ACCESSORIES

Mantle magnetic stirrer “Agiman”. With interchangeable mantle adapters. Electronic control of stir speed (up to 1600 r.p.m.). Part No. 7000446 See page 26. With connection at the back for an electronic contact thermometer “Sensoterm” or digital electronic regulator “Electemp-TFT”.
See controller (pages 303 and 306).



Stirring mantle, complete.