

# BATHS: WATER AND OIL, DRY BLOCKS AND ULTRASONIC



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*"The entrepreneur always searches for change, responds to it, and exploits it as an opportunity."  
Peter Drucker*



## Water and oil baths “Termobat”

ADJUSTABLE TEMPERATURE FROM AMBIENT+5 °C TO 110 °C. STABILITY ±2 °C TO 200 °C. STABILITY ±3 °C.

### SAFETY:

CONFORMS TO THE DIN STANDARD 12877 BY INCORPORATING A MANUALLY RESET OVER TEMPERATURE SAFETY CUT-OUT.

### APPLICATIONS

To be used with a rotary evaporator for flasks up to 10 litres or as a stand alone bain marie.

### FEATURES

Tank interior made of AISI 304 stainless steel, with an epoxy coated base.

The heater element is embedded in a protective INCOLOY stainless steel shield.

### CONTROL PANEL

Main power switch, with luminous indicator lamp.

A hydraulic temperature thermostat regulator is synchronised with an indicator lamp.

### MODELS

Part No.	Maximum Temperature °C	Capacity litres	∅ Height (usable) cm	∅ Height (exterior) cm	Power W	Weight Kg
<b>3000587</b>	110	11	29 17	29 25	2100	5.5
<b>3000588</b>	200	11	29 17	29 25	2100	5.5

### Large capacity



### ACCESSORIES MADE OF AISI 304 STAINLESS STEEL

Reduction ring cover lid of 210, 180, 145, 115 and 80 mm ∅. With a location hole for a thermometer.

Part No. **7000589**



Heater element cover shelf.

Part No. **6000055**



Thermometer.

Part No.

**1095100** up to 100 °C.

**1095250** up to 250 °C.



## Sand baths “Combiplac-Sand”

ADJUSTABLE PLATE TEMPERATURE UP TO 400 °C.



### FEATURES

Electronic energy heater controller. The steel hotplate surface has an evenly distributed heater element providing homogeneous heat distribution.

The non warping AISI 304 stainless steel sand bath can be easily removed for cleaning.

The Hotplate can be used independently without the sand bath. The hotplate casing is made of AISI 304 stainless steel.

### CONTROL PANEL

Mains power switch with luminous “On” indicator lamp.

Electronic heater power control between 0 to 100 %.

Heater operation indicator lamp.

The back of the unit is fitted for an electronic thermometer “Sensotherm” or digital electronic controller “Electemp-TFT” described under regulators and controllers (see page 293).



### MODELS

Part No.	Height / Widht/ Depth (usable) cm	Height / Widht / Depth (exterior) cm	Power W	Weight Kg
<b>6000708</b>	5 18 38	18 22 41	2300	13
<b>6000709</b>	5 30 30	21 32 35	2800	15



## Circulation pump “Ciragit”

### FEATURES

The unit can be adjusted to fit most tanks or baths, can be submerged and held in position by an adjustable height support clamp.

Circulation pump allowing external circulation of liquids. ON/ OFF illuminated power switch with light when on.

### SPECIFICATIONS

OUTPUT water:

20 °C , 12 l/ min.- 150 mbar

OUTPUT silicon oil:

50 °C 4 l/min.- 130 mbar

Dimensions:

9.5 x 12.5 x 23 cm

Power: 30 W

Weight: 2.5 Kg.

Part No. **3000402**



NEW DESIGN



## Water and oil baths "Precisterm"

ADJUSTABLE TEMPERATURE RANGE FROM AMBIENT +5 °C UP TO 110 °C, STABILITY ±1 °C.  
ADJUSTABLE TEMPERATURE RANGE FROM AMBIENT +5 °C UP TO 200 °C, STABILITY ±2 °C.

*Extensive range of sizes and accessories*

*Stainless steel interior and external case*



### FEATURES

Capacity; from 2 litres up to 45 litres.  
Double skinned tank of AISI 304 stainless steel with an exterior case of AISI 304 stainless steel.  
Heating elements embedded in INCOLOY heat and corrosion resistant stainless steel.

### CONTROL PANEL

Illuminated mains power switch.  
Hydraulic thermostat temperature control, synchronised with the "ON" indicator lamp.  
Safety thermostat cut out indicator lamp.

### MODELS

Part No.	Maximum Temperature °C	Capacity litres	Height / Widht / Fondo (usable) cm			Height / Widht / Depth (exterior) cm			Power W	Weight Kg
6000137	110	2	15	15	13	20	20	27	390	3.5
6000385	200	2	15	15	13	20	20	27	640	3.5
6000138	110	5	15	30	14	20	37	27	600	6
6000386	200	5	15	30	14	20	37	27	1110	6
6000140	110	12	15	30	30	20	40	42	1100	8
6000387	200	12	15	30	30	20	40	42	1400	8
6000141	110	20	15	48	30	20	58	42	1500	10
6000388	200	20	15	48	30	20	58	42	2100	10
6000142*	110	45	15	62	50	22	69	62	2400	18
6000389*	200	45	15	62	50	22	69	62	3800	18

All water baths are supplied with heating elements protection shelf.  
\* With built in drain tap.

### 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.**



**ACCESSORIES.** See page 89.



## Water and oil baths “Precisdig” with or without anti-evaporation folding lid

DIGITAL CONTROL AND DISPLAY OF TEMPERATURE AND TIME.

ADJUSTABLE TEMPERATURE RANGE FROM AMBIENT+5 °C TO 99.9 °C, STABILITY ±0.1 °C, HOMOGENEITY ±1 °C.

ADJUSTABLE TEMPERATURE RANGE FROM AMBIENT+5 °C TO 200 °C, STABILITY ±0.5 °C, HOMOGENEITY ±2.5 °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.

**Programmable temperature and time. Interior and exterior made from Stainless steel**

NEW  
DESIGN



### FEATURES

Double skinned tank of AISI 304 stainless steel with an external case of AISI 304 stainless steel.

Heating elements embedded in INCOLOY heat and corrosion resistant stainless steel.

Comes complete with drain tap.



### CONTROL PANEL

General switch with signal lamp.

1. Heating indicators; open thermostat; failure.
2. Reading display (temperature or time).
3. Setpoint value display (temperature or time).
4. Visualization mode change.
5. Increase value.
6. Decrease value.
7. Start / stop button.



### MODELS

Part No.	Temperature maximum °C	Capacity litres	Height / Width / Depth (usable) cm	Height / Width / Depth (exterior) cm	Power W	Weight Kg
6001120	99,9	5	15 30 14	20 37 27	600	6
6001220	200	5	15 30 14	20 37 27	1100	6
6001121	99,9	12	15 30 30	20 40 42	1100	8
6001221	200	12	15 30 30	20 40 42	1400	8
6001122	99,9	20	15 48 30	20 58 42	1500	10
6001222	200	20	15 48 30	20 58 42	2100	10
6001123	99,9	45	15 62 50	20 69 62	2400	18
6001223	200	45	15 62 50	20 69 62	3800	18

All baths with heating shelf and drainage. Faucet included.

### MODELS WITH MAKROLON® FOLDING LID

Part No.	Temperature maximum °C	Capacity litres	Height / Width / Depth (usable) cm	Height / Width / Depth (exterior+lid) cm	Power W	Weight Kg
6001131	99,9	12	15 30 30	40 40 42	1100	8
6001132	99,9	20	15 48 30	40 58 42	1500	10
6001133	99,9	45	15 62 50	40 69 62	2400	18

All baths with heating shelf and drainage. Faucet included.

### MAKROLON® FOLDING LID PROPERTIES

Due to its transparency, you can visualize the bath's inside. It improves temperature stability, and restricts evaporation and pollution

**ACCESSORIES.** See page 89.



## Water bath with inner stirring “Agibat-20” with digital control and display of temperature and time

ADJUSTABLE TEMPERATURE RANGE FROM AMBIENT +5°C UP TO 80°C. STABILITY  $\pm 0.1^\circ\text{C}$ .  
SET TEMPERATURE ACCURACY  $\pm 1^\circ\text{C}$ , WORKING TEMPERATURE PRECISION  $0.1^\circ\text{C}$ .

**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.

*J.P.Selecta original model. More space. More accuracy. Economical.*

### FEATURES

Double skinned tank, inner case made of AISI 304 stainless steel.  
External case of AISI 304 steel.  
Submerged heating elements in INCOLOY special alloy.  
It comes complete with drain tap.

### STIRRING SYSTEM

These baths have an aspiration and outflow internal circulation pump which allow a constant flow stirring.  
Flow: 8 litres per minute.

### CONTROL PANEL

See page 87.  
Three positions switch: only heater, heater + stirring and start/stop.

### MODEL WITH MAKROLON® FOLDING LID

Due to its transparency, you can visualize the bath's inside.  
It improves temperature stability, and restricts evaporation and pollution.



NEW DESIGN

Model with Makrolon® lid



Stirring detail by internal circulation pump.

### MODELS

Part No.	Lid Makrolon®	Maximum Temp °C	Litres Capacity	Height/Width/Depth (usable) cm	Height/Width/Depth (exterior) cm	Power W	Weight Kg
6032015	Yes	80	20	15 48 30	40 58 42	2100	11
6032016	No	80	20	15 48 30	40 58 42	2100	12

### ACCESSORIES.

See page 89.

All baths with heating shelf and drainage. Faucet included.



## Big capacity water baths “Precisbig”

DIGITAL CONTROL AND DISPLAY OF TEMPERATURE AND TIME.

ADJUSTABLE TEMPERATURE RANGE FROM AMBIENT +5 °C TO 99,9 °C. STABILITY:  $\pm 0,2^\circ\text{C}$ . HOMOGENEITY  $\pm 2^\circ\text{C}$ .

NEW

**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.

*Programmable temperature and time. Interior and exterior made from Stainless steel*

### FEATURES

Double skinned tank of AISI 304 stainless steel with an external case of AISI 304 stainless steel.  
Heating elements embedded in INCOLOY heat and corrosion resistant stainless steel.

### CONTROL PANEL

See page 89.

### MODELS

Part No.	Temperature maximum °C	Capacity litres	Height / Width / Depth (usable) cm	Height / Width / Depth (exterior) cm	Power W	Weight Kg
6001240**	99,9	160	40 80 50	96 100 70	9000	130
6001241**	99,9	220	40 110 50	96 140 70	9000	160

All baths with heating shelf and drainage. Faucet included.

Due to their power consumption are manufactured for three phase 380 V. 4 wheels and gable lids included.

### ACCESSORIES

Gable lid for bath 6001240. Part No. **6000715** Gable lid for bath 6001241. Part No. **6000716**  
Silicone oil 4 liters. Temperature up to 300 °C. Viscosity 50 mm<sup>2</sup>/s at 25 °C. Melting point 318 °C. Part No. **1000027**

