



# thermostatic baths

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# thermostatic baths





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# refrigerated baths

## CIRCULATION-COOLING BATHS



-  LCD touch screen display  
Tanks are made of one piece of 18/8 stainless steel sheets
-  The temperature is checked by a PID microprocessor and PT100 probe
-  Automatic shutdown of the compressor over 37.0°C
-  Digital timer hh:mm:ss or infinite
-  Eco Friendly function, the cooling compressor starts working only when necessary
-  Easy access to keep the instrument clean and effective at all times  
Manual operation of the fireplace  
Setting for 4 languages (Italian-English-French-Spanish)  
Program saving function (temperature/maintenance/pump speed)  
Programmable delayed start (day hour)

Technical data		SBF 7T	SBF 15T
Capacity	lt	7	15
Drain tap		no	no
Timer	hh:mm:ss	∞ or 99:59:59	∞ or 99:59:59
Working temperature	°C	-30 to +150	-30 to +150
Precision in the tank	°C	±0,2	±0,2
Heating capacity	W	1300	1300
Cooling capacity	°C	-25 0 25	-25 0 25
	W	210 170 260	520 600 850
Pump type		Pressure	Pressure
Pump Flow rate	lt/min	7,8	4
Prevalence	mt	2,5	2,5
Bottom dimensions LxWxH	mm	100x250x200	250x290x200
Usable tank size LxWxH	mm	100x150x200	250x190x200
Outer dimensions LxWxH	mm	300x440x730	440x475x730
Weight	kg	31	41
<b>Code</b>		<b>612.1050.08</b>	<b>612.1050.16</b>

V/HZ 220-240/50-60

SAFETY CLASS 2

PROTECTION CLASS IP 30

## ACCESSORIES



Stainless steel floating level device for water shortage

**Code 612.1029.04**

Wheels

**Code 612.1050.31**

External circulation pipes 1.5 m





**Code 612.1050.33**

1 lt liquid for cryostat -30÷80°C 1 LT

**Code 612.1050.35**

# refrigerated baths

WITH COOLING BY PELTIER TECHNOLOGY

-  Excellent precision and uniformity, guaranteed by the internal retractable circulation pump. The temperature is set and checked by a digital thermostat with PID controller and PT100 probe
-  Digital timer for effective management of test duration
-  The tanks are made of 18/8 stainless steel sheets pressed in a single piece
-  The instrument is fitted with an adjustable safety thermostat



WB-MC

Technical data		WB MC
Capacity	lt	15
Timer	hh:mm	∞ or 99:59
Adjustable temperature	°C	10 to 50
Operating temperature	°C	15 to 45
Precision in the tank	°C	±0.5
Stability	°C	±0.5
Heating capacity	W	350
Cooling capacity	W	180
Tank dimensions LxWxH	mm	250x290x200
Usable tank dimensions LxWxH	mm	255x275x155
External dimensions LxWxH	mm	450x590x395
Weight	kg	29,5
<b>Code</b>		<b>612.1052.15</b>

V/HZ 220-240/50-60

SAFETY CLASS 3.1

PROTECTION CLASS IP 30

## ACCESSORIES








Polycarbonate gable lid  
Code **610.1007.32**

Optional: temperature range up to 80°C  
(to be specified upon ordering)  
Code **612.1052.31**

# water baths

## THERMOSTATIC BATHS WITH DUBNOFF TYPE SHAKING ACTION



-  Ideal for the control of samples, incubation, Cell Cultivation, Food and Beverage Testing
-  The temperature is set and checked by a digital thermostat with PID controller and PT100 probe
-  Metal structure with anticorrosive coating. The tanks are made of 18/8 stainless steel sheets pressed in a single piece
-  Digital speed control
-  Manual reset safety thermostat

Technical data		WB-MF
Capacity	lt	20
Oscillation amplitude	mm	15
Oscillation frequency	Rpm	0-200
Heating capacity	W	2100
Precision	°C	±0.5
Temperature	°C	+5 amb. to +200
External dimensions LxWxH	mm	670x400x290
Internal dimensions LxWxH	mm	440x240x200
Weight	kg	16
<b>Code</b>		<b>610.1007.74</b>

V/HZ 220-240/50-60

SAFETY CLASS 1

PROTECTION CLASS IP 42

## ACCESSORIES



Polycarbonate gable lid with hinge

**Code 610.1007.76**



General purpose container  
WxD 325x235x60 mm  
**Code 610.1007.81**



Supporting plate without clips for flasks and beakers

Capacity	LxP 365x235 mm
ml	max holder pieces for plates
25 e 50	24-20
100	15
250	12
500	6
1000	4
2000	2
<b>Code</b>	<b>610.1007.83</b>



Fixing clips for flasks and beakers

Capacity	Code
ml 100	<b>603.0131.75</b>
ml 250	<b>603.0131.76</b>
ml 500/1000	<b>603.0131.77</b>
ml 2000	<b>603.0131.78</b>

# water baths

## HEATING IMMERSION UNITS



The temperature is set and checked by a digital thermostat with PID controller and PT100 probe. The stirring pump ensures excellent temperature uniformity inside the tank.



The instrument is equipped with a safety float that locks the adjustment in the event that the liquid level is too low.



Clamp included



FA 90  
with internal pump

Technical data		FA 90
Pump capacity	190 mbar	lt/min 9
Heating power		W 1300
Precision		°C ± 0,5
Head	m 1,8	lt/min 7,8
Temperature		°C +5 amb. to +150
Digital timer		hh:mm ∞ or 99:59
Display resolution		°C 0.1
Immersed pump height		mm 120
External dimensions LxWxH		mm 160x140x270
Weight		kg 3
<b>Code</b>		<b>612.1029.00</b>

V/HZ 220-240/50-60

SAFETY CLASS 3.1

PROTECTION CLASS IP 30

### ACCESSORIES



**EXTERNAL PUMP SET**  
It enables the external power supply via a closed circuit. Ø12mm tube.  
**Code 612.1029.02**



Plexiglass tank  
max oper. temp. 60°C

Dimensions	lt	Code
120x410x150	7	<b>612.1029.35</b>
300x330x150	12	<b>612.1029.37</b>
300x500x150	18.5	<b>612.1029.39</b>



18/8 stainless steel tank  
with bridge

Dimensions	lt	Code
330x180x180	5	<b>612.1029.26</b>
360x350x180	12	<b>612.1029.29</b>
530x350x150	18.5	<b>612.1029.32</b>



18/8 stainless steel  
lid with handle

Tank lt	Code
5	<b>612.1029.27</b>
12	<b>612.1029.30</b>
18.5	<b>612.1029.33</b>

# water baths

## CIRCULATION WATER BATHS - HEATING IMMERSION UNIT



Scan for more info about the product



SB



LCD touchscreen display  
The tank is made of 18/8 stainless steel pressed in one piece with lid



The temperature is set and checked by a digital thermostat with PID controller and PT100 probe. The stirring pump ensures excellent temperature uniformity inside the tank  
Digital timer hh:mm:ss or infinite



The instrument is designed for connection to the external pump set  
Manual operation of the fireplace  
Setting for 4 languages (Italian-English-French-Spanish)  
Program saving function (temperature/maintenance/pump speed)  
Programmable delayed start (day hour)

Technical data		SB 5T	SB 15T	SB 24T
Capacity tanks	lt	5	12	18,5
Drain tap		no	no	si
Digital timer	hh:mm:ss	99:59:59 or ∞	99:59:59 or ∞	99:59:59 or ∞
Adjustable temperature	°C	+5 amb. to 150	+5 amb. to 150	+5 amb. to 150
Precision with H <sub>2</sub> O	°C	±0,5	±0,5	±0,5
Display resolution	°C	0.1	0.1	0.1
Pump flow rate mbar 190	lt/min	9	9	9
Head m. 1.8	lt/min	7,8	7,8	7,8
Heating element power	W	1300	1300	1300
Internal dimensions LxWxH	mm	250x100x150	290x255x150	240x440x150
Usable tank dimensions LxWxH	mm	100x125x150	255x165x150	255x330x150
External dimensions LxWxH	mm	330x180x450	350x360x450	350x530x450
Weight	kg	7	8	11
<b>Code</b>		<b>612.1029.06</b>	<b>612.1029.16</b>	<b>612.1029.25</b>

V/HZ 220-240/50-60

SAFETY CLASS 0

PROTECTION CLASS IP 30

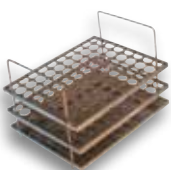
### ACCESSORIES



**EXTERNAL PUMP SET**  
It enables the external power supply via a closed circuit. Ø12mm tube.  
**Code 612.1029.02**



Stainless steel floating level device for water shortage  
**Code 612.1029.04**







18/8 stainless steel tube rack with 3 shelves

	1 per tank	1 per tank	2 per tank
	12 holes Ø21	48 holes Ø21	48 holes Ø21
<b>Code</b>	<b>212.1250.02</b>	<b>212.1250.05</b>	<b>212.1250.05</b>
	20 holes Ø17	60 holes Ø17	60 holes Ø17
<b>Code</b>	<b>212.1250.03</b>	<b>212.1250.06</b>	<b>212.1250.06</b>

# water baths

## WATER BATHS WITH ROUND TANK

-  Excellent heat insulation guaranteed by the double wall. The tanks are made of 18/8 stainless steel sheet, no welds and seals, pressed in one piece
-  Heating is ensured by electrical heating elements fixed under the bottom of the tanks, thus the tanks are completely free and easy to clean
-  Temperature is controlled by a thermostat with sensor
-  The instrument is fitted with an adjustable safety thermostat



BM

Technical data		BM 4	BM 12
Tank capacity	lt	6	13
Temperature	°C	+30 to +120	+30 to +120
Precision in tank from H2O	°C	±1,5	±1,5
Drain tap		no	yes
Heating element capacity	W	1000	1400
Internal dimensions LxWxH	mm	220x150	280x200
External dimensions LxWxH	mm	305x260	390x340
Weight	kg	5,2	8,2
<b>Code</b>		<b>610.1010.04</b>	<b>610.1010.12</b>

V/HZ 220-240/50-60

SAFETY CLASS 3.1

PROTECTION CLASS IP 43

### ACCESSORIES



18/8 Stainless steel lid with concentric rings

BM4  
Code **610.1010.24**

BM12  
Code **610.1010.32**



Round test tube rack in 18/8 stainless steel

BM4 - 36 holes Ø21  
Code **212.9260.03**

BM12 - 60 holes Ø21  
Code **212.9260.04**

# water baths

## THERMOSTATIC BATHS FOR GENERAL PURPOSES



WB-M



Tanks are made of 18/8 stainless steel sheets pressed in one piece and insulated  
**WB-M 5-15-24:** case in Heatproof ABS  
**WB-M 50:** case made of stainless steel sheet coated with antiacid epoxy powder



Temperature is controlled by a thermostat with sensor



Manual reset safety thermostat with red alarm light

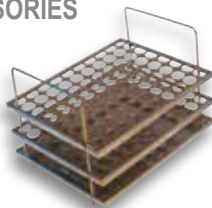
Technical data		WB-M5	WB-M15	WB-M24	WB-M50
Tank capacity	lt	5	12	18,5	50
Adjustable temperature	°C	+30 to +120	+30 to +120	+30 to +120	+30 to +120
Precision in tank H <sub>2</sub> O	°C	±1.5	±1.5	±1.5	±1.5
Drain tap		no	no	yes	yes
Heating element power	W	700	1400	2100	3000
Internal dimensions LxWxH	mm	100x250x150	255x290x150	240x440x150	440x560x200
External dimensions LxWxH	mm	280x360x240	445x385x240	445x560x240	835x670x320
Weight	kg	5,2	6,2	9	33
<b>Code</b>		<b>610.1005.05</b>	<b>610.1005.15</b>	<b>610.1005.24</b>	<b>610.1005.50</b>

V/HZ 220-240/50-60

SAFETY CLASS 1

PROTECTION CLASS IP : 43

### ACCESSORIES



18/8 Stainless steel test tube rack with 3 shelves

	2 per tank	1 per tank	2 per tank	4 per tank
	12 holes Ø21	48 holes Ø21	48 holes Ø21	48 holes Ø21
	125x100x150	250x170x150	250x170x150	250x170x150
<b>Code</b>	<b>212.1250.02</b>	<b>212.1250.05</b>	<b>212.1250.05</b>	<b>212.1250.05</b>
	20 holes Ø17	60 holes Ø17	60 holes Ø17	60 holes Ø17
	125x100x150	250x170x150	250x170x150	250x170x150
<b>Code</b>	<b>212.1250.03</b>	<b>212.1250.06</b>	<b>212.1250.06</b>	<b>212.1250.06</b>



Transparent polycarbonate gable lid (resistance 120°C)

<b>Code</b>	<b>610.1007.28</b>	<b>610.1007.32</b>	<b>610.1007.33</b>	-
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Gabled lid in 18/8 stainless steel

<b>Code</b>	-	-	-	<b>610.1007.29</b>
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Flat lid in 18/8 stainless steel with concentric rings (Ømax per hole 85 mm)

n. of holes	2	4	6	20
<b>Code</b>	<b>610.1007.35</b>	<b>610.1007.34</b>	<b>610.1007.36</b>	<b>610.1007.37</b>





18/8 stainless steel lid


<b>Code</b>	<b>616.1025.05</b>	<b>616.1025.12</b>	<b>616.1025.14</b>
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# water baths

## DIGITAL THERMOSTATIC BATHS FOR ACCURATE TEMPERATURE CONTROL

 The tanks are made of 18/8 stainless steel sheets pressed in one piece and insulated  
**WB-M 5-15-24:** case in Heatproof ABS  
**WB-M 50:** case made of stainless steel sheet coated with antiacid epoxy powder

 Manual reset safety thermostat with red alarm light

 The temperature is set by a digital thermostat with PID controller and PT100 probe.  
 Digital timer hh:mm:ss or infinite

 5 working programs setting  
 5 temperatures and lengths of time



WB-MD 5  
 WB-MD 15  
 WB-MD 24



WB-MD 50

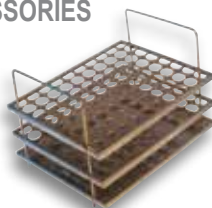
Technical data		WB-MD5	WB-MD15	WB-MD24	WB-MD50
Tank capacity	lt	5	12	18,5	50
Adjustable temperature	°C	+5 amb. to +120	+5 amb. to +120	+5 amb. to +120	+5 amb. to +120
Precision in tank H <sub>2</sub> O	°C	±0,5	±0,5	±0,5	±1,0
Display resolution	°C	0,1	0,1	0,1	0,1
Timer	hh:mm:ss	99:59:59 or ∞	99:59:59 or ∞	99:59:59 or ∞	99:59:59 or ∞
Drain tap		no	no	yes	yes
Heating element power	W	700	1400	2100	3000
Internal dimensions LxWxH	mm	100x250x150	255x290x150	255x440x150	440x560x200
External dimensions LxWxH	mm	280x360x240	445x385x240	445x560x240	835x670x320
Weight	kg	5,2	6,2	9	33
<b>Code</b>		<b>610.1006.05</b>	<b>610.1006.15</b>	<b>610.1006.24</b>	<b>610.1006.50</b>

V/HZ 220-240/50-60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42

### ACCESSORIES



18/8 Stainless steel test tube rack with 3 shelves

	2 per tank	1 per tank	2 per tank	4 per tank
	12 holes Ø21	48 holes Ø21	48 holes Ø21	48 holes Ø21
	125x100x150	250x170x150	250x170x150	250x170x150
<b>Code</b>	<b>212.1250.02</b>	<b>212.1250.05</b>	<b>212.1250.05</b>	<b>212.1250.05</b>
	20 holes Ø17	60 holes Ø17	60 holes Ø17	60 holes Ø17
	125x100x150	250x170x150	250x170x150	250x170x150
<b>Code</b>	<b>212.1250.03</b>	<b>212.1250.06</b>	<b>212.1250.06</b>	<b>212.1250.06</b>



Transparent polycarbonate gable lid (resistance 120°C)

<b>Code</b>	<b>610.1007.28</b>	<b>610.1007.32</b>	<b>610.1007.33</b>	-
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Gabled lid in 18/8 stainless steel

<b>Code</b>	-	-	-	<b>610.1007.29</b>
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Flat lid in 18/8 stainless steel with concentric rings (Ømax per hole 85 mm)

n. fori	2	4	6	20
<b>Code</b>	<b>610.1007.35</b>	<b>610.1007.34</b>	<b>610.1007.36</b>	<b>610.1007.37</b>



18/8 stainless steel lid

<b>Code</b>	<b>616.1025.05</b>	<b>616.1025.12</b>	<b>616.1025.14</b>
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# water baths




## MULTIPLE WATER BATHS



WB-S



WB-U

-  Thermostatic baths for extractors, with single tank for models WB-U and separated tanks, individually isolated, for the models WB-S. Maximum tank opening 105 mm
-  Temperature is controlled by thermostat with sensor for each tank
-  The baths are supplied with rods and the model WB-U features a thermometer and a drain valve

Technical data		WB-S2	WB-S4	WB-S6	WB-U2	WB-U4	WB-U6
Capacity	lt	1,8	1,8	1,8	4	8	12
Heating power	W	800	1600	2400	700	1400	2100
Precision	°C	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5
Temperature	°C	+30 to +120	+30 to +120	+30 to +120	+30 to +120	+30 to +120	+30 to +120
Tanks		2	4	6	2	4	6
External dimensions LxWxH	mm	385x280x190	750x280x190	1100x280x190	455x300x200	775x300x200	1110x300x200
Internal dimensions LxWxH	mm	140x125	140x125	140x125	335x135x100	650x135x100	980x135x100
Weight	kg	6	10	16,4	7	11,2	15
<b>Code</b>		<b>610.1022.02</b>	<b>610.1022.04</b>	<b>610.1022.06</b>	<b>610.1012.02</b>	<b>610.1012.04</b>	<b>610.1012.06</b>

V/Hz 220-240/50-60

SAFETY CLASS 0

PROTECTION CLASS IP 43

## ACCESSORIES



Clip with clamp  
Code 180.4304.39






18/8 Stainless steel rod 10x500 mm  
Code 263.7120.05



Thermometer for model WB-U  
Code 610.1007.68

# cooling pump

COOLING SYSTEM COMPATIBLE WITH THERMOSTATIC BATHS

-  This instrument allows to set temperature of any water bath under room temperature, using Peltier technology
-  Supplied with a kit for the connection of the tank, to connect it to a water bath. Self-priming pump
-  Capability to lower the temperature of 10°C



## Technical data

Capacity	lt	da 5 a 24
Pump range	lt/min	7
Heating power	W	160
External dimensions	mm	225x400x145
Weight	kg	8,5
<b>Code</b>		<b>612.1029.62</b>

V/HZ 220-240/50-60

SAFETY CLASS 0

PROTECTION CLASS IP 40

## COMPATIBLE WITH



WB-MD



BM



WB-M



WB-MF



"CONNECTION KIT"  
included with the instrument

# thermostatic bath accessories

## LIQUIDS AND CLEANERS

### Silicone oil M350 -65°C + 200°C



Specific for thermostatic baths.  
It is stabilized against oxidation and used in all cases where they are requested to solve problems of heating up to 200°C, for up to about 60-80 working hours.  
Soluble in chlorinated solvents and aromatic hydrocarbons

#### Technical data

Apparance	Colourless liquid	Colourless liquid	Colourless liquid
Viscosity at 25° C	357.0	357.0	357.0
Capacity	1 lt	5 lt	25 lt
Code	614.1035.21	614.1035.23	614.1035.25

### Cleaning liquid

Code 610.0000.40






Liquid solution for cleaning steel.  
400 g pack.

### 1lt liquid for cryostat -30÷80°C

Code 612.1050.35

# multipurpose baths

-  Suitable for tissues in paraffin, coming from microtome
-  The black anodized internal tank makes it easy to see the inside material. The external tank minimises heat dispersion
-  Temperature is controlled by a thermostat with sensor

## Histology bath






BI

Technical data		BI
Capacity	lt	1,5
Heating power	W	250
Precision	°C	1,5
Temperature	°C	+30 to +90
Internal dimensions LxWxH	mm	330x95
External dimensions LxWxH	mm	200x60
Weight	Kg	1,6
<b>Code</b>		<b>610.1030.00</b>

V/HZ 220-240/50-60

SAFETY CLASS 0

PROTECTION CLASS IP 54

-  Ideal for homogeneous heating of the tank
-  The internal tank is made of 18/8 stainless steel at high pressure
-  Bimetal temperature controller regulates and controls the temperature. Heating is ensured by armored heating element in stainless steel

## Sand bath



S70  
S130

Technical data		S70	S130
Capacity	lt	6	12
Heating power	W	1000	1400
Precision	°C	5	5
Temperature	°C	+450	+450
Sand needed	kg	6	14
External dimensions LxWxH	mm	410x400x270	610x460x270
Internal dimensions LxWxH	mm	290x230x90	500x300x90
Weight	kg	12,6	20,2
<b>Code</b>		<b>614.1037.07</b>	<b>614.1037.13</b>

V/HZ 220-240/50-60

SAFETY CLASS 0

PROTECTION CLASS IP 30

## ACCESSORIES



Flat Lid  
Code 610.1030.01



Sand in packs of 2 Kg  
Code 614.1037.15



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