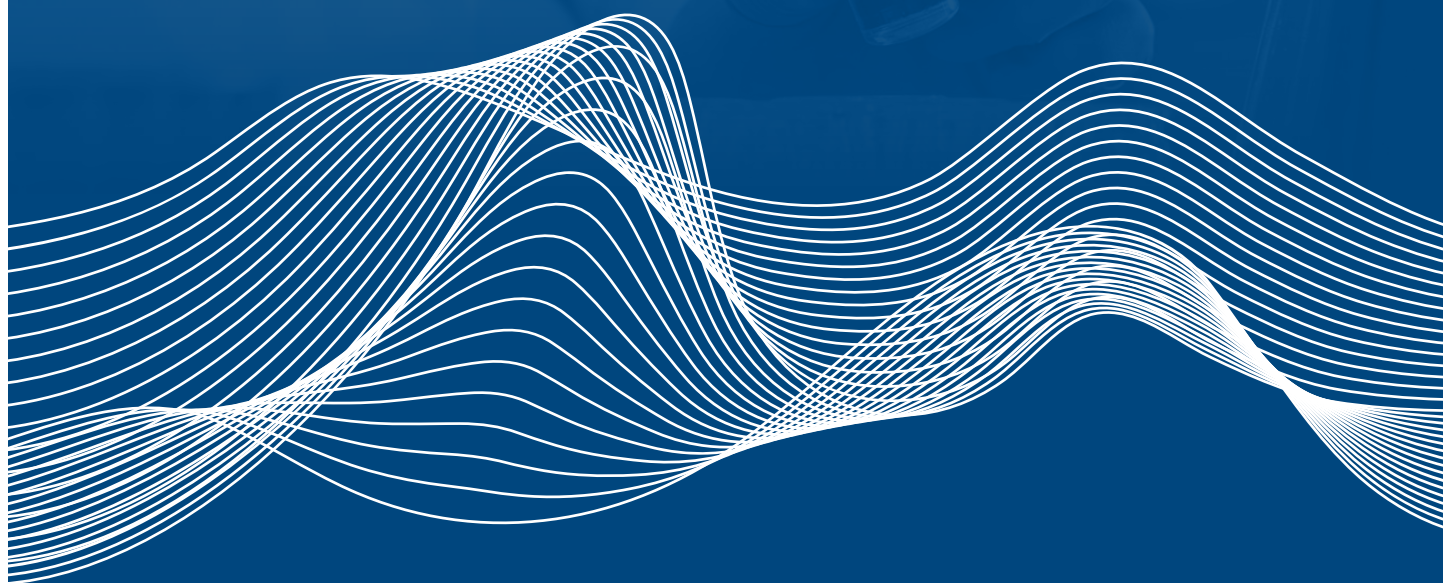
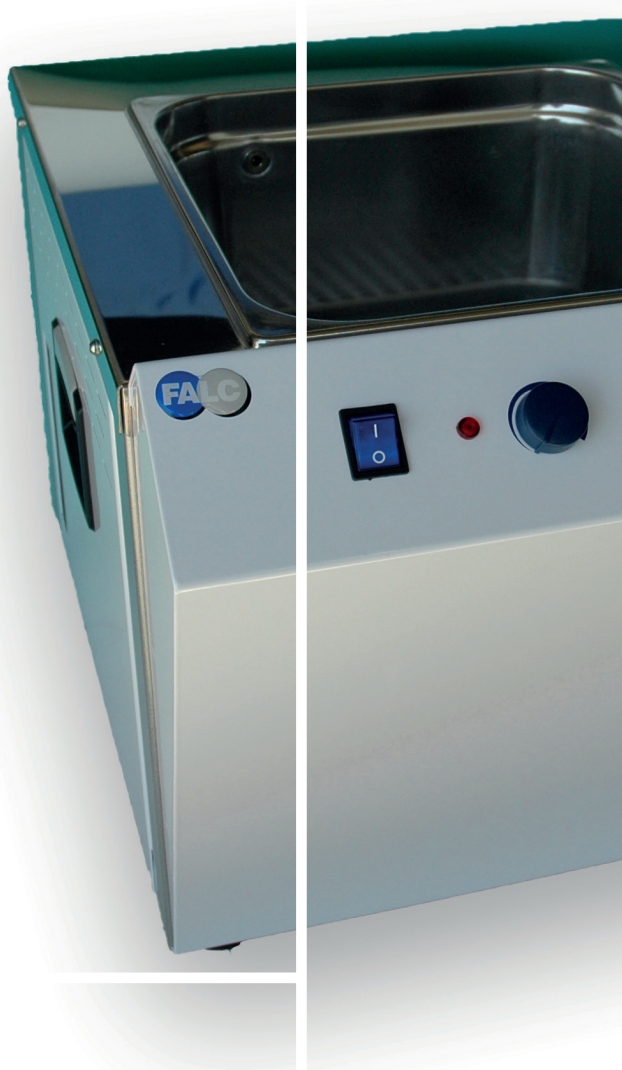




thermostatic baths

2021





THERMOSTATIC BATHS

- 4 ■ **REFRIGERATED BATHS**
- 4 | Circulation-cooling baths
- 5 | With cooling by Peltier technology

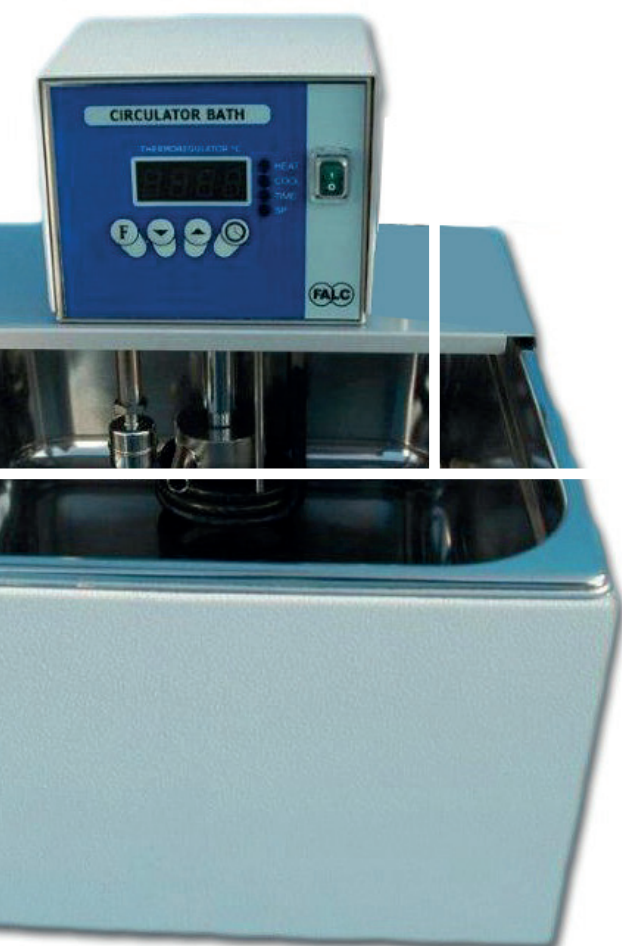
- 6 ■ **WATER BATHS**
- 6 | Thermostatic baths with Dubnoff type shaking action
- 7 | Heating immersion units
- 8 | Circulation baths with tank
- 9 | Water baths with round tank
- 10 | Thermostatic baths for general purposes
- 11 | Digital thermostatic baths for accurate temperature control
- 12 | Multiple water baths

- 13 ■ **COOLING PUMP**
- 13 | Cooling system compatible with thermostatic baths

- 14 ■ **OIL BATHS**
- 14 | High temperature oil baths with round tank
- 15 | General purpose oil baths up to 300° C

- 16 ■ **THERMOSTATIC BATH ACCESSORIES**
- 16 | Liquids and cleaners

- 17 ■ **MULTIPURPOSE BATHS**
- 17 | Histology bath
- 17 | Sand bath



REFRIGERATED BATHS

Circulation-cooling baths



SBF



-  Automatic shutdown of the compressor over 37.0°C. Safety system to alert when there is no liquid inside the tank
-  Digital timer from 0 to 99:59 and infinite. Countdown begins when the instrument reaches the set temperature
-  Easy access to keep the instrument clean and effective at all times
-  Eco Friendly function, the cooling compressor starts working only when necessary
-  Tanks are made of one piece of 18/8 stainless steel sheet
-  The temperature is checked by a PID microprocessor and PT100 probe. Preset for external control of the temperature. Simultaneous stirring in the tank and external circulation

Technical data		SBF 7			SBF 15		
Capacity	lt	7			15		
Drain tap		no			no		
Timer	hh:mm	∞ or 99:59			∞ or 99:59		
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
Cooling solution		R134a			R134a		
Pump type		Pressure			Pressure		
Pump Flow rate	lt/min	4			4		
Prevalence	mt	2,5			2,5		
Bottom dimensions LxWxH	mm	100x250x200			250x290x200		
Usable tank size LxWxH	mm	100x150x200			250x190x200		
Outer dimensions LxWxH	mm	300x440x650			440x475x650		
Weight	kg	31			41		
Code		612.1050.07			612.1050.15		

V/HZ 220-240/50-60

SAFETY CLASS 2

PROTECTION CLASS IP 30

ACCESSORIES

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
Code		612.1052.15

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



WB-MF

- 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 power	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
Code		610.1007.74

V/Hz 220-240/50-60

SAFETY CLASS 1

PROTECTION CLASS IP 42

ACCESSORIES

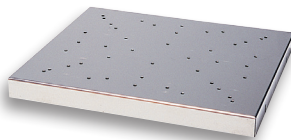


Polycarbonate gable lid with hinge

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 and 50	24-20
100	15
250	12
500	6
1000	4
2000	2
Code	610.1007.83



Fixing clips for flasks and beakers

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

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	l/min	9
Heating power	W	1300
Precision	°C	± 0,5
Head	m	1,8
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
Code		612.1029.00

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



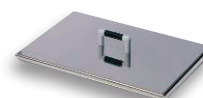
18/8 stainless steel tank
with bridge

Dimensions	lt	Code
330x180x180	5	612.1029.26
360x350x180	12	612.1029.29
530x350x150	18.5	612.1029.32



Plexiglass tank
max oper. temp. 60°C

Dimensions	lt	Code
120x410x150	7	612.1029.35
300x330x150	12	612.1029.37
300x500x150	18.5	612.1029.39



18/8 stainless steel
lid with handle

Tank lt	Code
5	612.1029.27
12	612.1029.30
18.5	612.1029.33

WATER BATHS

Circulation baths with tank



SB

-  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
-  The instrument is designed for connection to the external pump set
-  The instrument is equipped with a safety float that blocks the regulation if the liquid level is too low

Technical data		SB5	SB15	SB24
Capacity tanks	lt	5	12	18,5
Drain tap		no	no	yes
Digital timer	hh:mm	∞ or 99:59	∞ or 99:59	∞ or 99:59
Adjustable temperature	°C	+5 amb. to 150	+5 amb. to 150	+5 amb. to 150
Precision with H ₂ 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	330x180x370	350x360x370	350x530x370
Weight	kg	7	8	11
Code		612.1029.05	612.1029.15	612.1029.24

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



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
Code	212.1250.02	212.1250.05	212.1250.05
	20 holes Ø17	60 holes Ø17	60 holes Ø17
Code	212.1250.03	212.1250.06	212.1250.06

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 H ₂ O	°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
Code		610.1010.04	610.1010.12

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



WB-M 50



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 ₂ 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
Code		610.1005.05	610.1005.15	610.1005.24	610.1005.50

V/HZ 220-240/50-60

SAFETY CLASS 1

PROTECTION CLASS IP : 43

ACCESSORIES



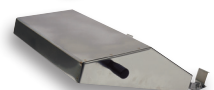
18/8 Stainless steel test tube rack with 3 shelves

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



Transparent polycarbonate gable lid (resistance 120°C)

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

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

no. of holes	2	4	6	20
Code	610.1007.35	610.1007.34	610.1007.36	610.1007.37



18/8 stainless steel lid

Code	616.1025.05	616.1025.08	616.1025.14
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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 24:00:00 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 ₂ 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	24:00:00 or ∞	24:00:00 or ∞	24:00:00 or ∞	24:00:00 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
Code		610.1006.05	610.1006.15	610.1006.24	610.1006.50

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
Code	212.1250.02	212.1250.05	212.1250.05	212.1250.05
	20 holes Ø17	60 holes Ø17	60 holes Ø17	60 holes Ø17
	125x100x150	250x170x150	250x170x150	250x170x150
Code	212.1250.03	212.1250.06	212.1250.06	212.1250.06



Transparent polycarbonate gable lid (resistance 120°C)

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

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

no. of holes	2	4	6	20
Code	610.1007.35	610.1007.34	610.1007.36	610.1007.37



18/8 stainless steel lid

Code	616.1025.05	616.1025.08	616.1025.14
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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 dimensionsLxWxH	mm	385x280x190	750x280x190	1100x280x190	455x300x200	775x300x200	1110x300x200
Internal dimensionsLxWxH	mm	140x125	140x125	140x125	335x135x100	650x135x100	980x135x100
Weight	kg	6	10	16,4	7	11,2	15
Code		610.1022.02	610.1022.04	610.1022.06	610.1012.02	610.1012.04	610.1012.06

V/HZ 220-240/50-60

SAFETY CLASS 0

PROTECTION CLASS IP 43

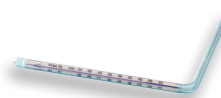
ACCESSORIES



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	from 5 to 24
Pump range 190 mbar	lt/min	7
Heating power	W	160
External dimensions	mm	225x400x145
Weight	kg	8,5
Code		612.1029.62

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

OIL BATHS

High temperature oil baths with round tank



BO



BO-D



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



BO: Temperature is controlled by a thermostat with sensor.

BO-D: The temperature The temperature is set and checked by a digital thermostat with PID controller and PT100 probe



The instrument is fitted with an adjustable safety thermostat

Technical data		BO-4	BO-12	BO-D24	BO-D30
Capacity	lt	6	13	6	13
Heating power	W	1000	1400	1000	1400
Precision	°C	5	5	1	1
Drain		yes	yes	yes	yes
Temperature	°C	+50 to +300	+50 to +300	+5 amb to +300	+5 amb to +300
External dimensions LxWxH	mm	305x260	390x340	305x290	390x340
Internal dimensions LxWxH	mm	220x150	250x200	220x150	280x200
Weight	kg	5,2	8,2	5,8	9,4
Code		614.1033.03	614.1033.12	614.1035.04	614.1035.12

V/HZ 220-240/50-60

SAFETY CLASS 3,1

PROTECTION CLASS IP 42

ACCESSORIES



18/8 Stainless steel lid with concentric rings

BO-4/BO-D24
Code 610.1010.24

BO-12/BO-D30
Code 610.1010.32



18/8 Stainless steel test tube rack with 3 shelves with central handle

	BO-4/BO-D24	BO-12/BO-D30
	36 holes Ø21	60 holes Ø21
Code	212.9260.03	212.9260.04

OIL BATHS

General purpose oil baths up to 200° C

-  The external case is heatproof ABS. The tanks are made of 18/8 stainless steel sheet, no welds and seals, pressed in one piece
-  Manual reset safety thermostat with alarm light, red coloured
-  PID temperature controller with PT100 probe
-  Optional: temperature up to +300°C and case made of stainless steel



WB-OD

Technical data		WB-OD5	WB-OD15	WB-OD24
Tank capacity	lt	5	12	18,5
Adjustable temperature	°C	+5 amb to +200	+5 amb to +200	+5 amb to +200
Precision in tank H ₂ O	°C	±1.0	±1.0	±1.0
Drain tap		yes	yes	yes
Heating power	W	700	1400	2100
Internal dimensions LxWxH	mm	100x250x150	255x290x150	255x440x150
External dimensions LxWxH	mm	280x360x240	445x385x240	445x560x240
Weight	kg	5,2	6,2	9
Code		614.1032.05	614.1032.15	614.1032.24

V/HZ 220-240/50-60

SAFETY CLASS 1

PROTECTION CLASS 42

ACCESSORIES



18/8 Stainless steel test tube rack with 3 shelves

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



18/8 Stainless steel lid with concentric rings. Max per hole Ø85 mm

Holes no.	2	4	6
Code	610.1007.35	610.1007.34	10.1007.36



18/8 stainless steel lid

Code	616.1025.05	616.1025.08	616.1025.14
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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

Appearance	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

-  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
Code		610.1030.00

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
Code		614.1037.07	614.1037.13

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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