

OIL BATHS

SERIES BO - D

The thermostatic water baths in the BO – D Series are made entirely of 18/8 stainless steel with double walls and carrying handles.

The inner tank is moulded from one single piece of steel; the heating elements have distributed below the tank, and all baths are fitted with a drain cock.

The baths are insulated with rock fibre; this type of insulation reduces energy consumption by about 10/20% compared to traditional heaters.

The digital model features electronic pre-set temperature regulation thanks to the PID microprocessor; temperature control is provided by the PT 100 sensor and a second safety thermostat with red warning light which starts functioning when the liquid exceeds at least 5°C of the set values



V/Hz 230/50-60	SAFETY CLASS 3.1	PROTECTION RATING IP 42
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Technical Specifications		BO-D16	BO-D24	BO-D30
Tank capacity	lt	3	6	13
Temperature + 5 amb.	°C	+350	+350	+350
Tank precision H ₂ O	°C	± 1	± 1	± 1
Heating element power	W	400	1000	1400
Internal dimensions Ø x H	mm	160 x 160	200 x 150	270 x 200
External dimensions Ø x H	mm	205 x 290	305 x 290	390 x 340
Weight	Kg	4,0	5,8	9,4
Item		614.1035.02	614.1035.04	614.1035.12

ACCESSORY



Concentric steel ring lids

Item	614.1035.00	610.1010.24	610.1010.32
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Three level steel test tube rack

	30 holes Ø 21	36 holes Ø 21	60 holes Ø 21
Item	212.9260.01	212.9260.03	212.9260.04

Detergent

Liquid solution for cleaning steel
400 gr. bottle

Item	610.0000.40
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OIL BATHS

SERIES WB - OD

These rectangular thermostatic oil baths by FALC are ideal for simultaneously heating different sized containers. The tanks are made from a single moulded sheet of 18/8 stainless steel. Stop cocks are fitted to the rear of the tanks to drain the liquid without lifting the tank off the table. The external athermic housing is made of shock-resistant ABS with excellent insulation properties. The heating elements are located under the tanks leaving them free and easy to clean. They feature electronic pre-set temperature regulation thanks to the PID microprocessor and temperature control by the PT 100 sensor; a second safety thermostat is fitted in case the sensor does not work.

The baths are fitted with an illuminated green ON /OFF switch which is protected against spills and a red warning light.



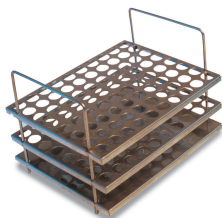
V/Hz 230/50-60	SAFETY CLASS 3.1	PROTECTION RATING IP 42
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Technical Specifications		WB-OD5	WB-OD15	WB-OD24
Tank capacity	lt	5	12	18,5
Temperature + 5 amb.	°C	+200	+200	+200
Tank precision H ₂ O	°C	± 1	± 1	± 1
Heating element power	W	700	1400	2100
Internal dimensions LxWxH	mm	100 x 250 x 150	255 x 290 x 150	255 x 440 x 150
External dimensions LxWxH	mm	280 x 360 x 240	445 x 385 x 240	445 x 560 x 240
Weight	Kg	3,2	6,2	9,0
Item		614.1032.05	614.1032.15	614.1032.24



Flat steel lid with rings max. Ø hole 85 mm

Holes n°	2	4	6
Item	610.1007.35	610.1007.34	610.1007.36



Three level steel test tube rack

number	2 for tank	1 for tank	2 for tank
	12 holes Ø 21	48 holes Ø 21	48 holes Ø 21
Item	212.1250.02	212.1250.05	212.1250.05
	20 holes Ø 17	60 holes Ø 17	60 holes Ø 17
Item	212.1250.03	212.1250.06	212.1250.06

SILICONE OIL CST 350 DOW CORNING -65°C +200°C

CST silicone oil is specifically recommended for thermostatic baths. CST silicone oil has been stabilised against oxidation and is used in all applications requiring heat up to 200°C for a maximum of 60 - 80 hours. CST silicone oil is soluble in chlorinated solvents and aromatic hydrocarbons.



Characteristics	Value	Measure unit	infer. limit	Super. limit
Aspect	light cristalized fluid			
Viscosity at 25 ° C	345,0	cST	332,5	367,5
Volatile contents	0,16	%		0,50

The following properties are guaranteed to reach the indicated limits, but the import company does not carry out these density tests

Specific gravity	0,9666.....0,972		0,966	0,972
Refraction index at 25°	1,4025.....1,4045		1,4025	1,4045
Colour Apha	<= 35			35

number acid <= 0,01

Capacity 1lt.	Item	614.1035.21
Capacity 5lt.	Item	614.1035.23
Capacity 25lt.	Item	614.1035.25