

BM - BS - BD SERIES

WATER BATHS

NiVe general purpose water baths are designed to be used in many general and special applications in microbiology, research and industrial laboratories.

They provide excellent temperature control of liquid for uniform and stable temperature.

Tanks of the water baths are made of seamless corrosion resistant stainless steel for a longer life time and easy cleaning.

Excellent temperature uniformity is obtained by means of the powerful circulation pump and heating is based on PID control system for BM 302/402.

Temperature control of the liquid is assured by reliable and accurate microprocessor control system and there are two digital displays for temperature and time as well as many functional leds.

Operation below room temperature is possible with refrigerated models, which have high cooling capacity even at low temperatures for fast cooling.

The refrigerant fluid and insulation are totally CFC-free.

The optional external circulation pump (standard for BD 402), can be used to regulate the temperature of other equipment outside the water bath.

It is possible to use different type of tubes, flasks or erlenmeyers with the wide range of accessories.



ST 402

SHAKING WATER BATH

In addition to the features of general purpose water baths (except internal circulation pump), ST 402 Shaking Water

Bath provides a precisely controlled system for shaking a variety of different tubes and containers. ST 402 is mostly used for tissue culture, bacterial incubation, enzyme reactions and fermentation.

The shaking speed is controlled by optic-electronic system between 50-250 rpm.



TECHNICAL SPECIFICATIONS

	BM 302	BM 402	BS 302	BS 402	BD 402	ST 402
Temperature Range	Ambient Temp. +5°C / 80°C		0°C / 80°C		-30°C / 40°C	Ambient Temp. +5°C / 80°C
Temperature Sensor	Fe-Const		Pt-100			Fe-Const
Control System	Programmable Microprocessor					
Temperature Set and Display Sensitivity	0.1°C					
Temperature variation at 37°C	<± 0.3°C		<± 0.4°C		<± 0.5°C	
Temperature fluctuation	± 0.1°C				± 0.2°C	
Timer	100 hours + Hold Position					
Pump capacity	5 lt./min.					N/A
External circulation	Optional	Optional	Optional	Optional	Standard	N/A
Tank volume, liters	14	30	14	30	14	30
Useful volume, liters	6	13	3.5	12	10	13
Power consumption	750 W	1500 W	1250 W	2000 W	2000 W	1650 W
Power supply	230 V , 50 Hz.					
Internal material	Stainless Steel					
External material	Epoxy-Polyester painted stainless steel					
Internal Dimensions (WxDxH)mm	240x300x200	500x300x200	240x300x200	500x300x200	240x300x200	500x300x200
External Dimensions (WxDxH)mm	445x340x330	710x350x330	445x340x590	710x350x560	500x350x560	710x330x330
Packing Dimensions (WxDxH)mm	560x410x410	810x410x410	560x410x670	850x400x560	600x400x650	710x330x330
Net / Packed weight kg.	11/12	22/26	26/28	45/50	40/45	17/20

OPTIONS

- BX XXX S External circulation system
 BX XXX Y BM/ST series which have max. set temperature 100°C
 BX XXX 9 BM/BS/BD series which have control system with 9 memories and 9 steps

ACCESSORIES

LIDS

- K04 187 Plexiglass lid for BM/BS 302 (Resists up to 60°C)
 K52 007 Stainless steel lid for BM/BS 302
 K04 167 Plexiglass lid for BM/BS 402 (Resists up to 60°C)
 K52 003 Stainless steel lid for BM/BS 402
 K04 197 Plexiglass lid for ST 402 (Resists up to 60°C)
 K52 004 Stainless steel lid for ST 402

 K52 008 Lid with 4 holes for BM/BS 302 (Hole dia. 95 mm)
 K52 005 Lid with 4 holes for BM/BS 402 (Hole dia. 95 mm)
 K52 006 Lid with 6 holes for BM/BS 402 (Hole dia. 95 mm)
 K52 014 Lid with 8 holes for BM/BS 402 (Hole dia. 95 mm)

TUBE RACKS AND SHELVES

- A08 051 Tube rack 52xØ 13 mm, wide 70 mm
 A08 050 Tube rack 30xØ 16 mm, wide 70 mm
 A08 021 Tube rack 27xØ 18 mm, wide 70 mm
 A08 049 Tube rack 12xØ 30 mm, wide 70 mm

 R01 045 Shelf for 6x100 ml flasks BM/BS 302
 R01 046 Shelf for 4x250 ml flasks BM/BS 302
 R01 047 Shelf for 2x500 ml flasks BM/BS 302
 R01 048 Shelf for 1x1000 ml flasks BM/BS 302
 R01 049 Shelf for 12x100 ml flasks BM/BS 402
 R01 032 Shelf for 6x250 ml flasks BM/BS 402
 R01 051 Shelf for 4x500 ml flasks BM/BS 402
 R01 033 Shelf for 2x1000 ml flasks BM/BS 402
 R01 033 Shelf for 2x1000 ml flasks BM/BS 402
 R01 078 Shelf for 12x100 ml flasks ST 402
 R01 015 Shelf for 6x250 ml flasks ST 402
 R01 038 Shelf for 4x500 ml flasks ST 402
 R01 079 Shelf for 2x1000 ml flasks ST 402



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