



# BM SERIES

## Circulated Water Baths

- Designed for many general and special applications in microbiology, research and industrial laboratories
- Powerful circulation by means of the reliable pump replaced outside of the tank for excellent temperature homogeneity,  $\pm 0,1^{\circ}\text{C}$  @  $37^{\circ}\text{C}$  and stability,  $\pm 0,01^{\circ}\text{C}$  @  $37^{\circ}\text{C}$
- Reliable and accurate N-Prime™ programmable PID microprocessor control system
- User friendly control panel including large bright LED displays for temperature and time
- Easy programming with one button, just turn and push
- Password protected menu to secure the operation
- Programmable alarm limits
- Data recording on memory stick by means of USB port up to 125 days
- Programmable delayed start function
- Safety thermostat to prevent running without water and audible and visual alarms against over heating
- Seamless corrosion resistant stainless steel tank for a longer life
- Minimized risk of contamination by the rounded corners and smooth surfaces of the tank
- Silicon sheet heaters surrounding the tank from three sides for uniform heating
- Triple insulation consisting of glass wool, aluminium layer and air gap for high efficiency
- Angled front panel to protect the controller from accidental water spillage
- Efficient tank usage as there is no obstruction in the tank such as circulation pump or heater
- Convenient drain for discharging the liquid in the tank quickly
- Footprint almost equal to the tank dimensions to save valuable bench space.
- Various type of racks and shelves for tubes and flasks



N-prime

## TECHNICAL SPECIFICATIONS

	BM 15	BM 30
Tank Volume, litres	15	30
Useful Volume, litres	8	17
Circulation Pump Capacity	16 lt./min.	
Temperature Range	Ambient Temp + 5°C / 99,9°C	
Temperature Sensor	Fe-Const	
Control System	Programmable Microprocessor	
Display	LED Displays For Temperature and Time	
Temperature Set and Display Sensitivity	0,1°C	
Temperature variation @37°C	± 0,1°C*	
Temperature fluctuation @37°C	± 0,01°C*	
Timer	1 minute – 99,9 hours + Hold Position	
Delayed Start Timer	1 minute – 99,9 hours	
Internal Material	Stainless Steel	
External Material	Epoxy - Polyester Powder Coated Stainless Steel	
Power Consumption	750 W	1550 W
Power Supply	230 V, 50/60 Hz	
Internal Dimensions (WxDxH) mm	300x240x200	300x503x195
External Dimensions (WxDxH) mm	335x280x375	330x550x375
Packing Dimensions (WxDxH) mm	430x540x540	420x680x650
Net / Packed Weight kg.	10 / 12	15 / 18

\*At 22°C ambient temperature with closed lid

### FACTORY FITTED OPTIONS

BM XX S External circulation system

### ACCESSORIES

K 04 286	Plexiglass lid for BM 15 (Resists up to 60°C)	A 08 051	Tube rack 52 x Ø 13 mm, wide 70 mm
K 52 020	Stainless steel lid for BM 15	A 08 050	Tube rack 30 x Ø 16 mm, wide 70 mm
K 04 289	Plexiglass lid for BM 30 (Resists up to 60°C)	A 08 021	Tube rack 27 x Ø 18 mm, wide 70 mm
K 52 019	Stainless steel lid for BM 30	A 08 049	Tube rack 12 x Ø 30 mm, wide 70 mm
K 52 008	Lid with 4 holes (Hole dia. 95 mm) for BM 15	O 03 228	Shelf for 6 x 100 ml flasks BM 15
K 52 005	Lid with 4 holes (Hole dia. 95 mm) for BM 30	O 03 227	Shelf for 4 x 250 ml flasks BM 15
K 52 006	Lid with 6 holes (Hole dia. 95 mm) for BM 30	O 03 225	Shelf for 2 x 500 ml flasks BM 15
K 52 014	Lid with 8 holes (Hole dia. 95 mm) for BM 30	O 03 226	Shelf for 1 x 1000 ml flasks BM15
		O 03 224	Shelf for 12 x 100 ml flasks BM 30
		O 03 223	Shelf for 6 x 250 ml flasks BM 30
		O 03 221	Shelf for 4 x 500 ml flasks BM 30
		O 03 222	Shelf for 2 x 1000 ml flasks BM 30



ISO 9001: 2008  
ISO 13485: 2003

