



BM SERIES

Stirred Waterbath

It is designed for many general and specific applications in microbiology, research, and industrial laboratories.

- Powerful circulation by means of the reliable pump replaced outside of the tank for excellent temperature homogeneity Useful volume: 17 litres.
- 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.
- Up to 125 days of recording with internal memory
- Long-term recording with external USB memory support
- Programmable delayed start function.
- Safety thermostat to prevent running without water and audible and visual alarms against overheating.
- Seamless corrosion resistant stainless steel tank for a longer life.
- Minimized risk of contamination by the rounded corners and smooth surfaces on 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.



TECHNICAL SPECIFICATIONS

	BM 30
Tank Volume, liters	30
Useful Volume, liters	17
Circulation Pump Capacity	16 lt/min
Temperature Range	Ambient Temp + 5°C to 99,9°C
Temperature Sensor	Fe-Const
Control System	N-Prime™ Programmable Microprocessor
Temperature Set and Display Sensitivity	0,1°C
Temperature variation @37°C	± 0,1°C*
Temperature fluctuation @37°C	± 0,01°C*
Programmable Alarm Limits	±0,5°C/5°C
Timer	1 minute – 99,9 hours + Hold Position
Delayed Start Timer	1 minute – 99,9 hours
Selectable Recording Frequency on Memory Stick	1-999 minutes
Internal Material	Stainless Steel
External Material	Epoxy - Polyester Powder Coated Steel
Power Rating	1550 W
Power Supply	230 V, 50/60 Hz
Internal Dimension (WxDxH) mm	300x503x195
External Dimension (WxDxH) mm	332x540x375
Packing Dimension (WxDxH) mm	420x680x650
Net/Packed Weight kg	15/18

*At 22°C ambient temperature and closed lid

FACTORY FITTED OPTIONS

BM 30 S External circulation system for BM

ACCESSORIES

K 04 289 Plexiglass lid for BM 30 (Resists up to 60°C)
K 52 019 Stainless steel lid for BM 30

K 52 005 Lid with 4 holes (Hole dia. 95 mm) for BM 30
K 52 006 Lid with 6 holes (Hole dia. 95 mm) for BM 30
K 52 014 Lid with 8 holes (Hole dia. 95 mm) for BM 30

A 08 051 Tube rack 52 x Ø 13 mm, wide 70 mm
A 08 050 Tube rack 30 x Ø 16 mm, wide 70 mm
A 08 021 Tube rack 27 x Ø 18 mm, wide 70 mm
A 08 049 Tube rack 12 x Ø 30 mm, wide 70 mm

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

S 09 032 Thawing basket (with 4 compartments)
S 03 249 Melting basket (with 8 compartments)



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ISO 45001: 2018

