



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°C and stability, $\pm 0,01^{\circ}\text{C}$ @ 37°C
- User friendly, programmable, reliable and accurate PID microprocessor control system
- Highly visible dual displays for temperature and time
- 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



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 |



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