



## MSB SERIES WATER BATHS

*\*Production of  
Custom Sizes and  
Features*

MSB Series Water Baths are the devices needed when working with flammable, explosive substances when exposed directly to flame, used for safe and controlled heating of liquid and solid samples in many laboratories and tests.



Pharmaceutical  
Industry



Clinics/  
Universities



Biotechnology



R&D - Product  
Development  
Laboratories



Concrete  
Industry



Plastics Industry



Electronics  
Industry



Semiconductor  
Industry



Basic Research/  
Research Institutes



Food Industry



Chemical  
Industry



## ROBUST DESIGN

- Robust and reliable case,
- Temperature operating range: Ambient temperature +5 °C / 99.9 °C,
- Ideal design for heating processes,
- Solid stainless steel tank resistant to many chemicals and easy to clean,
- Design with or without circulation for homogeneous heat distribution and stable temperature,
- 4-6 compartment lid, Plexiglas lid (withstands up to 60-65°C) or Stainless steel lid for different applications,
- Liquid drainage device inside the bath.

## REVAMPED SYSTEM

- Microprocessor control system
- Digital display (LCD) for temperature and time, easy-to-use control panel (illuminated on/off switch,
- Heating warning on the display,
- The start time of the programme can be postponed for a set period of time within the range of 1 min. to 99.9 hours.
- The running time of the programme can run for a set period of time within the range of 1 minute - 99.9 hours.

	MSB-15	MSB-30	MSB-45
TEMPERATURE OPERATING RANGE	Ambient Temperature +5 °C / 99.9 °C		
TEMPERATURE SENSOR	NTC		
CONTROL SYSTEM	PID & MP (PID & Microprocessor)		
TEMPERATURE CHANGE	≤ ± 0,5 °C		
TEMPERATURE SENSITIVITY	± 0,1 °C		
TIMER	1 Minute. - 99.99 Hours + Indefinite Operation		
USABLE VOLUME, TANK VOLUME (LT)	12-15	20-30	30-45
POWER VALUES	900 W / 220 V, 50 HZ.	1500 W / 220 V, 50 HZ.	1500 W / 220 V, 50 HZ.
INTERIOR SURFACE STRUCTURE	Stainless Steel		
EXTERNAL SURFACE STRUCTURE	Electrostatic Powder Coated Steel Against Rust		
INTERIOR DIMENSIONS (EXBXD) mm	240x150x300	300x150x505	625x200x505
OUTER DIMENSIONS (EXBXD) mm	270x350x330	325x330x530	800x312x530
NET WEIGHT (kg.)	7	12	23
PACKED WEIGHT (kg.)	9	14	26

Temperature Distribution	O.S.+5-40 °C <-±0.5°C
	40-99,9 °C≤±-1°C

*\*You can get information for your specific requests.*

## OPTIONAL REQUESTS

- Production in Special Dimensions and Specifications (Dimension/Software/Programme),
- 4.3 / 5.5 and 7.2 Inch Screen Options,
- Safety thermostat protecting the heaters against overheating and running without water,
- Stainless steel body,
- Internal Memory (125 Days).