

MBI LED Digital Dry-Bath

Catalog Number: **MBI41000090**



Product Overview

The **MBI LED Digital Dry-Bath** is a versatile, low-profile digital dry bath ideal for molecular biology, histology, clinical, environmental, and industrial laboratories. With real-time independent LED displays for temperature and time, this unit provides precise control for a wide range of applications including melting and boiling point determination, enzyme reactions, incubation and activation of cultures, immunoassays, DNA denaturation, culture media tests, coagulation tests, blood-urea-nitrogen determinations, and in-situ hybridizations.

Key Features

- Easy-to-read dual LED displays for real-time temperature and time monitoring
- Continuous and timer functions: 1 minute to 99 hours 59 minutes
- Real-time independent displays of temperature and time
- Over-temperature safety protection for sample security
- Low-profile, space-saving design
- See-through cover included to minimize heat loss and improve uniformity
- Various high-quality aluminum blocks available for common tube sizes (0.2, 0.5, 1.5/2.0, 5/15, 50 mL)
- cTUVus approved and CE Marked
- 2-year manufacturer warranty

Applications

- Melting and boiling point determination
- Enzyme reactions and digestions
- Incubation and activation of cultures
- Immunoassays and ELISA procedures
- DNA denaturation and hybridization
- Culture media tests
- Coagulation tests
- Blood-urea-nitrogen (BUN) determinations
- In-situ hybridizations
- General laboratory incubation and warming

Technical Specifications

Feature	Specification
Temperature Range	Ambient +5°C to 120°C
Temperature Accuracy	±0.5°C
Temperature Uniformity	±0.5°C
Temperature Increments	1°C
Timer Range	1 minute to 99 hours 59 minutes / continuous
Display	Dual LED (independent temperature and time displays)
Power	160W
Dimensions (L x W x H)	12 x 7 x 4 in. / 30.5 x 17.8 x 10.1 cm
Weight	5 lbs / 2.3 kg (without block)
Electrical	110–120V, 50–60 Hz
Controls	Digital
Safety Certifications	cTUVus approved, CE Marked
Warranty	2 years

Ordering Information

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Notes

- One aluminum block is included at checkout; additional blocks are available separately for various tube sizes (0.2 mL, 0.5 mL, 1.5/2.0 mL, 5/15 mL, 50 mL, and 96/384 microplates).
- See-through cover is included with the unit.
- Block dimensions: 15 x 9.5 x 5 cm.
- Unit is supplied with one standard block; additional specialty blocks are available separately.

For additional information, technical support, or to discuss your application requirements, please contact our team.