

Bacterial Turbidity Meter

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Bacterial Turbidity Meter is designed for standardized evaluation of bacterial suspensions using the McFarland turbidity scale. It uses barium sulfate (BaSO₄) McFarland turbidity standards for calibration and bacterial suspension measurement. It provides a convenient solution for laboratories requiring consistent bacterial suspension preparation and assessment.

Features:

- Microcomputer-controlled operation with a backlit LCD for comfortable reading
- Average measurement mode for obtaining reliable results efficiently
- Simple operation and compact design for routine laboratory testing
- High-precision optical path and unique positioning structure for improved measurement repeatability
- Low-drift circuit design and a stable, long-life light source for dependable operation
- Stores up to 20 historical measurement records, retained after power loss
- Supplied with sample bottles for immediate testing and routine use

Applications:

Suitable for bacterial suspension preparation, microbiological testing, culture standardization, and routine laboratory analysis in medical institutions, biological product facilities, quarantine agencies, and research laboratories.

Specifications:

Model no.	LD-LBCTM-A10
Type	Benchtop
Zero Wander	±0.5% F.S.
Repeatability	≤0.5%
Measuring Range	0-6 MCF
Minimum Indication	0.001 MCF
Error of Indication	±6% (±5% F.S.)
McFarland Conversion	1 MCF = 3 × 10 ⁸ CFU/mL

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Specifications:

Model no.	LD-LBCTM-A11
Type	Portable
Zero Wander	±0.5% F.S.
Repeatability	≤0.5%
Measuring Range	0-6 MCF
Minimum Indication	0.001 MCF
Error of Indication	±6% (±5% F.S.)
McFarland Conversion	1 MCF = 3 × 10 ⁸ CFU/mL