

E-MTB-900-P

Portable Turbidity Meter

Features

- High-performance portable turbidity meter meets the design criteria in ISO 7027
- 2 to 5 points calibration using the Formazin Standards
- Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC
- Single measurement mode automatically senses and locks a stable reading
- Continuous measurement mode can be used for indexing or matching the sample vials
- Auto-Power Off effectively conserves battery life
- Setup menu allows setting the number of calibration points, resolution, date and time, etc.
- Reset function automatically resumes all settings back to the factory defaults
- Expanded memory stores or recalls up to 100 data sets
- USB communication interface for data transfer or connecting a power adapter to meter



Meter Includes

- Turbidity Standards (0.02, 200, 500, 1000 NTU)
- Sample Vials
- Lint-free cloth and carry case
- Power adapter



| Function | Specifications | E-MTB-900-P |
|----------------------|-------------------------|---|
| Turbidity | Principle | ISO 7027 nephelometric method (90°C) |
| | Range | 0~1100 NTU, 0~275 EBC, 0~9999 ASBC |
| | Resolution | 0.01 (0~99 NTU), 0.1 (100~999 NTU), 1 (1000~1100 NTU) |
| | Accuracy | ±2% of reading (0~500 NTU), ±3% of reading (501~1100 NTU) |
| | Calibration Points | 2 to 5 points |
| | Calibration Standards | 0.02, 10, 200, 500, 1000 NTU |
| Other Specifications | Light Source | Infrared-emitting diode (850nm wavelength) |
| | Detector | Silicon photodiode |
| | Stray Light | < 0.02 NTU |
| | Sample Vial | 60 (H) × 25 (Dia) mm |
| | Sample Volume | 20mL |
| | Memory | 100 data sets |
| | Communication Interface | USB |
| | Operating Temperature | 0~50°C |
| | Display | Custom LCD (60 × 40 mm) |
| | Power Requirements | 3 × 1.5V AA batteries or DC5V power adapter |
| | Dimensions | 180 (L) × 85 (W) × 70 (H) mm |
| | Weight | 300g |