

TB100 Portable Turbidimeter



Features:

- High performance portable turbidimeter is suitable for process control or field use.
- 2 to 5 points calibration using the Formazin Standards.
- Selectable four turbidity units, including the NTU, FNU, EBC and ASBC.
- Single measurement mode automatically recognizes the stable reading.
- Continuous measurement mode that can be used for indexing and matching the sample vials.
- Auto-Power Off helps user effectively conserve battery life.
- System Menu allows setting the 7 parameters, including the measurement mode, date and time, resolution, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 100 readings.
- Stored data can be transferred into computer by USB communication interface.
- Multi-mode power scheme (battery, power adapter, USB port) ensures that use the meter smoothly.

Meter Includes:

- Glass sample vials
- Calibration standards (0, 10, 200 and 1500 NTU)
- Lint-free cloth
- 9V battery
- Carrying Case



Specifications:

Model	TB100
Measurement Method	ISO 7027 nephelometric method (90°)
Turbidity Range	0~1100 NTU/FNU, 0~275 EBC, 0~9999 ASBC
Total Suspended Solids Range	—
Resolution	0.01 (0~100 NTU), 0.1 (100~999 NTU), 1 (999~1100 NTU)
Accuracy	±2% (0~500 NTU), ±3% (501~1100 NTU)
Calibration Points	2~5 points (0.02, 10.00, 200, 500, 1000 NTU or User-Defined)
Light Source	Infrared-emitting diode (850nm wavelength)
Detector	Silicon Photodiode
Stray Light	<0.02 NTU
Sample Vials	60(H)×25(Dia)mm
Power Off	Manual or Automatic (15 minutes after last key pressed)
Reset Function	Yes
Memory	Stores up to 100 data sets
Output	USB Communication Interface
Operating Temperature	0~60°C, 32~140°F
Power Requirements	9V battery
Dimensions	180(L)×85(W)×70(H)mm
Weight	300g