

TB100 Portable Turbidity Meter



METER INCLUDES

Sample vials, calibration standards (0.02, 200, 500 and 1000NTU), lint-free cloth, carrying case.

FEATURES

- High performance portable turbidity meter is suitable for process control and field uses.
- 2 to 5 points calibration using the formazin standards.
- Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC.
- Single measurement mode automatically recognizes the stable reading.
- Continuous measurement mode is used for indexing or matching the sample vials.
- Auto-Power Off effectively conserves battery life.
- Setup menu allows setting the 7 parameters, including the date and time, measurement mode, resolution, etc.
- Expanded memory stores and recalls up to 100 data sets.
- Stored readings can be transferred into the computer by USB communication interface.
- Reset feature automatically resumes all settings back to factory default options.
- Multi-mode power scheme (batteries, power adapter or USB port) ensures that use the meter smoothly.



SPECIFICATION

Model	TB100
Measurement Method	ISO 7027 nephelometric method (90°)
Measuring Range	0~1100 NTU/FNU, 0~275 EBC, 0~9999 ASBC
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)
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)
Memory	Stores up to 100 data sets
Output	USB communication interface
Display	Custom LCD
Power Requirements	9V battery
Dimensions	180(L)×85(W)×70(H)mm
Weight	300g