

Water Quality Analyzer



Portable Turbidimeter

TB100

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.

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)x25(O)almm
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)x85(W)x70(H)mm
Weight	300g