

TB200 Benchtop Turbidity Meter



Meter Includes:

- Glass sample vials
- Calibration standards (0, 10, 200, 500, 1000 and 1500 NTU)
- Lint-free cloth
- DC12V power adapter

Features:

- Standard benchtop turbidity meter is equipped with a 4.5" LCD display.
- 2 to 7 points calibration using the Formazin Standards.
- Selectable four turbidity units, including the NTU, FNU, EBC and ASBC.
- TSS conversion factor ensures accurate measurement for Total Suspended Solids.
- Continuous measurement mode that can be used for indexing and matching the sample vials.
- Hold function freezes current reading for easy viewing and recording.
- Password protection prevents the unauthorized calibration and settings.
- Help message as an operational guide that helps you quickly begin using the meter.
- System Menu allows setting the 9 parameters, including the date and time, resolution, backlight, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 200 readings.
- Stored data can be transferred into computer by USB communication interface.



Specifications:

Model	TB200
Measurement Method	ISO 7027 nephelometric method (90°)
Turbidity Range	0~2000 NTU/FNU, 0~500 EBC, 0~9999 ASBC
Total Suspended Solids Range	Depends on TSS conversion factor
Resolution	0.01 (0~100 NTU), 0.1 (100~999 NTU), 1 (999~2000 NTU)
Accuracy	±2% (0~500 NTU), ±3% (501~2000 NTU)
Calibration Points	2~7 points (0.02, 10.00, 200, 500, 1000, 1500, 2000 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 (2 hours after last key pressed)
Reset Function	Yes
Memory	Stores up to 200 data sets
Output	USB Communication Interface
Operating Temperature	0~60°C, 32~140°F
Power Requirements	DC12V/2A power adapter
Dimensions	250(L)×177(W)×96(H)mm
Weight	1.2Kg