

TB200 Benchtop Turbidity Meter



METER INCLUDES

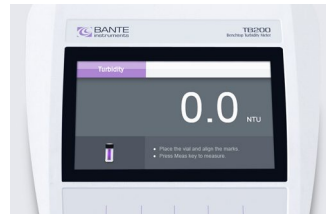
Sample vials, calibration standards (0.02, 200, 500 and 1000NTU), lint-free cloth and power adapter.

MEASUREMENT PARAMETERS

Turbidity and Total Suspended Solids.

FEATURES

- 2 to 7 points push-button calibration using the formazin standards.
- Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC.
- TSS conversion factor ensures accurate measurement of the total suspended solids.
- Continuous measurement mode 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.
- Setup menu allows setting the 9 parameters, including the date and time, measurement mode, resolution, backlight brightness, etc.
- Expanded memory stores and recalls up to 200 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.



SPECIFICATION

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 factor setting
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)
Light Source	Infrared-emitting diode (850nm wavelength)
Detector	Silicon Photodiode
Stray Light	<0.02 NTU
Sample Vials	60(H)×25(Dia)mm
Memory	Stores up to 200 data sets
Output	USB communication interface
Display	4.5 inch TFT LCD
Power Requirements	DC12V/2A power adapter
Dimensions	250(L)×177(W)×96(H)mm
Weight	1.2kg