

TB200 Benchtop Turbidity Meter



Ordering Information

TB200: Meter, turbidity standards (0.02, 200, 500, 1000 NTU), sample vials, lint-free cloth and power adapter

Measurement Parameters

Turbidity, total suspended solids (TSS)

Features

- 2 to 7 points calibration using the Formazin Standards
- Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC
- TSS conversion factor ensures the accurate measurement of the total suspended solids
- Auto-Read function senses and locks a stable reading
- Setup menu allows setting the date and time, measurement mode, resolution, etc.
- Reset function automatically resumes all settings back to the factory defaults
- Password protection prevents the unauthorized calibration and settings
- Expanded memory stores or recalls up to 200 data sets
- USB communication interface is easy to transfer data to PC



Specifications

Model		TB200
Turbidity	Range	0~2000 NTU, 0~500 EBC, 0~9999 ASBC
	Resolution	0.01 (0~99 NTU), 0.1 (100~999 NTU), 1 (1000~2000 NTU)
	Accuracy	±2% of reading (0~500 NTU), ±3% of reading (501~2000 NTU)
	Calibration Points	2 to 7 points
	Calibration Standards	0.02, 10, 200, 500, 1000, 1500, 2000 NTU
TSS	Range	Depending on the TSS conversion factor
	Accuracy	3% of reading
Other Specifications	Light Source	Infrared-emitting diode (850nm wavelength)
	Detector	Silicon photodiode
	Stray Light	<0.02 NTU
	Sample Vial	60(H)×25(Dia)mm
	Memory	200 data sets
	Communication Interface	USB
	Operating Temperature	0~50°C
	Display	4.5 inches TFT LCD
	Power Requirements	DC12V, using AC power adapter, 220V/50Hz
	Dimensions	250(L)×177(W)×96(H)mm
Weight	1.2kg	