

TB200 Benchtop Turbidity Meter



Measurement Parameters

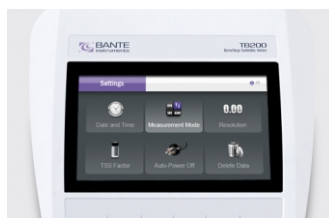
Turbidity, total suspended solids (TSS)

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 total suspended solids
- Auto-read function senses and locks a stable reading
- Setup menu allows setting the date and time, measurement mode, resolution, etc.
- Password protection prevents unauthorized calibration and settings
- Expanded memory stores or recalls up to 200 data sets
- Reset function automatically restores all settings to the factory defaults
- USB communication interface enables easy transfer of data from the meter to a PC

Ordering Information

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



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 | 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 (850 nm wavelength) |
| | Detector | Silicon photodiode |
| | Stray Light | <0.02 NTU |
| | Sample Vial | 60(H)×25(Ø)mm |
| | Memory | 200 data sets |
| | Communication Interface | USB |
| | Operating Temperature | 0~50°C |
| | Display | 4.5 inches TFT LCD |
| | Power Requirements | 12V DC power adapter |
| | Dimensions | 250(L)×177(W)×96(H)mm |
| Weight | 1.2kg | |