

# TB200 Benchtop Turbidity Meter



## METER INCLUDES

Two sample vials, calibration standards (0, 10, 200 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 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  |
| 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  |