

# TB 250 WL with white light source

## Technical data

|                           |                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------|
| <b>Display</b>            | large LCD display                                                                         |
| <b>Keypad</b>             | 5 key polycarbonate membrane, splash proof                                                |
| <b>Power supply</b>       | 4 AA Alkaline batteries for approx. 20 h continuous operation or 3500 tests               |
| <b>Range</b>              | 0.01 to 1100 NTU                                                                          |
| <b>Accuracy</b>           | ± 2% of value or 0.01 NTU (0-500 NTU)<br>± 3% of value (500-1100 NTU)                     |
| <b>Resolution</b>         | 0.01 NTU to 99.99 NTU<br>0.1 NTU from 100.0 to 999.9 NTU<br>1.0 NTU from 1000 to 1100 NTU |
| <b>Housing</b>            | ABS                                                                                       |
| <b>Dimensions</b>         | 210 x 95 x 45 mm                                                                          |
| <b>Weight</b>             | approx. 0.45 kg (base unit)                                                               |
| <b>Ambient conditions</b> | Temperature: 0 – 50 °C<br>rel. humidity: 0 – 90%                                          |
| <b>CE-Conformity</b>      |                                                                                           |



## Accessories

Set of secondary standards  
0.02, 10, 1000 NTU  
**Order code: 19 42 80**

Set of 3 vials  
with black lids  
**Order code: 19 42 90**

The TB 250 WL allows easy turbidity measurement in either the field or in the laboratory. Using a „white light“ source and 90° detection, the TB 250 WL meets the specifications for EPA turbidity measurement (EPA Standard 180.1). A power efficient micro-circuit design allows the instrument to yield 5000 tests on 4-AA alkaline batteries with an estimated 7-10 year bulb life. Integrated diagnostics confirm proper operation and accuracy. The instrument features an Auto-Ranging feature that automatically selects the correct turbidity range for your sample. Calibration is simple with the included calibration standards. The instrument comes with all required items for testing including the TB 250 WL Turbidimeter, sample cuvettes, batteries, calibration set, operators manual and carrying case.



## Highlights

- Ideal for regulatory monitoring, process control or field use
- Simple operation
- Easy calibration
- Auto-Ranging
- Meets USEPA

## Delivery content

- Instrument in a sturdy handy case
  - 2 sample vials
  - 3 turbidity standards
  - 4 batteries
  - Instruction manual
  - Warranty information
- Order code: 19 42 00**