# Turbidity meter AL400T-WL

## with white light source (US EPA 180.1)

The AL400T-WL allows easy turbidity measurement in either the field or in the laboratory. Using a „white light" source and 90° detection, the AL400T-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.

## Delivery content

The AL400T-WL comes ready to use in a sturdy handy case with following accessories:

2 sample vials, 3 turbidity standards, 4 batteries, instruction manual and warranty information

**Order code: 4194200**

## Accessories

Set of secondary standards 0.02, 10, 1000 NTU
**Order code: 194280**

Set of 3 sample vials with black lid
**Order code: 194290**

## Technical data

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

### Highlights

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

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