

Method

In industrial water systems, it is important to accurately measure and control the amount of dissolved solids present, as they can form deposits on the system components and decrease overall system efficiency. The National Secondary Drinking Water Standard for TDS is 500 mg/L.

Method of Operation.

To operate the CHEMetrics Total Dissolved Solids (TDS) Meter (Cat. No. I-1100), switch unit on, remove the electrode cap, immerse the probe into the sample, making sure that the sensor is fully covered. Wait for the readings to stabilize (Automatic Temperature compensation corrects for temperature changes). Take measurement. To clean the probe, simply mix it in tap water. Tester is factory calibrated. However, to ensure accuracy, calibrate the TDS meter on a regular basis.

FEATURES

Range: 0 to 1990 ppm.

Resolution: 10 ppm.

Accuracy: ± 2% full scale.

Operating Temperature: 0 to 50°C (32 to 122°F).

Power and battery life: Four 1.5 V alkaline batteries (supplied). 100 hrs. continuous use (approx.).

Pocket-sized: 6.5" length x 1.5" diameter

Weight: 3.25 oz.(90 g)



Range: 0-1990 ppm

| | Cat# |
|---|---------------|
| Total Dissolved Solids (TDS) Meter | I-1100 |

Instrument comes in a plastic storage case and includes an electrode and cap, four 1.5 V alkaline batteries, and instructions.

Accessories

| Description | Cat# |
|--|--------|
| Electrode for TDS and Conductivity | A-0176 |
| Conductivity/TDS Singles, 447 μS, Shelf-life 3 months | A-0177 |
| Conductivity/TDS Singles, 1413 μS, Shelf-life 3 months | A-0178 |
| Carrying Case (holds two pH I-1000, TDS I-1100, or Conductivity I-1200 meters) | A-0179 |

Instructions are posted on our website.

FEATURES

- Replaceable electrode
- Waterproof, dustproof
- Push-button calibration
- Automatic temperature compensation (ATC)
- Auto-shutoff

