

## 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 rinse it in tap water. Tester is factory calibrated. However, to ensure accuracy, calibrate the TDS meter on a regular basis.

## FEATURES

**Range:** 0 - 2000 ppm and 0-10 ppt.

**Resolution:** 10 ppm; 0.10 ppt.

**Accuracy:** ± 1% full scale.

**Calibration Type:** Manual

**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)

**Warranty:** 1 year (electrode: 6 months)



**Range: 0-2000 ppm and 0-10 ppt**

	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, Warranty 6 months	A-0176
Conductivity/TDS Singles (20 ea), 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