

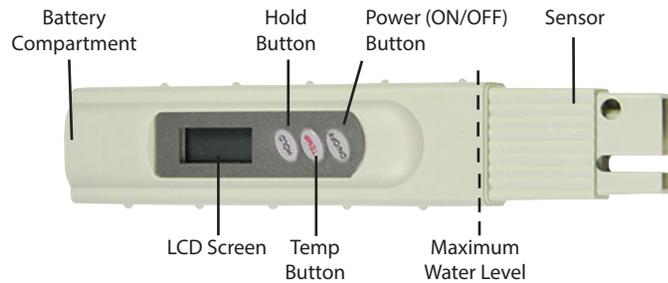


Water Quality Tester

The water quality tester (WQT) tests the total dissolved solids (TDS) in a given volume of water. The TDS are the total amount of mobile charged ions, including minerals, salts or metals dissolved in a given volume of water. TDS, which is based on conductivity, is expressed in parts per million (ppm) or milligrams per liter (mg/L). TDS includes any conductive inorganic element present other than the pure water molecules and suspended solids.

The higher the TDS level in water, the greater the probability of harmful contaminants that can pose problems for your battery.

USAGE INSTRUCTIONS:



TAKING TDS MEASUREMENTS:

1. Remove the protective cap.
2. Press the ON/OFF switch to turn the meter on.
3. Immerse the meter into the water/solution up to the max. immersion level (2").
4. Lightly stir the meter to dislodge any air bubbles.
5. Wait until the display stabilizes. Once the reading stabilizes (approx. 10 seconds), press the HOLD button to view the reading out of the water.
6. If the meter displays a flashing 'x10' symbol, multiply the reading by 10.
7. After usage, shake off any excess water from your meter.
8. Replace the cap.

TDS MEASUREMENT DETERMINATION:

- If water quality test indicates < 100, the water should be fine for use.
- If water quality test indicates between 100 and 200, water is typically ok for use but you might consider a deionizer.
- If water quality test indicates > 200, water treatment is needed. For levels over 200, please inquire about our deionizer with the battery operated purity light (PW-1800) to help make your water acceptable for use.

TAKING TEMPERATURE MEASUREMENTS:

1. Once the meter is on, the temperature function can be used at any time, in or out of the liquid.
2. Press the TEMP button. The display will switch to temperature (in Celsius only).
3. To return to TDS mode, press the TEMP button.

CHANGING THE BATTERIES:

1. Remove the battery compartment.
2. Install new batteries (model 357A). Be sure the batteries are properly aligned.
3. Replace the battery compartment. The meter will turn on.

PRECAUTIONS AND NOTES:

- The meter is not water-tight. Do not dip the meter beyond the water level limit. *Warranty will be void if water enters the unit.*
- Do not store the meter in high temperatures or direct sunlight.
- Do not attempt to open the housing or tinker with electronics of the unit.
- Though durable, the WQT is an electronic instrument and should be treated with proper care and maintenance.
- The accuracy of the WQT is +/- 2% of the reading if properly calibrated. This product is factory calibrated, but recalibration may be required. Variances in real application environments such as water pressure, static electricity and others may cause minor fluctuations. Discrepancies up to approx. +/- 7% of the reading due to these factors are normal. For more information on calibration, please call 877-522-5431.
- One year warranty against material and workmanship from date of purchase.

FEATURES:

- Auto Shut-Off:** Shuts off automatically after 10 minutes to conserve batteries
- Large Screen:** Easy to see and share
- Hold Function:** View the reading out of the water
- Thermometer:** Measures temperature
- Carrying Case:** Protects your meter

SPECIFICATIONS:

- TDS Range:** 0-9990 ppm (mg/L)
- Temp Range:** 0-80 °C
- Automatic Temperature Compensation:** Yes (0 - 80 °C)
- Accuracy:** +/- 2%
- Calibration:** Factory calibrated with NaCl 342 ppm; adjustable.
- Power:** 2 x 1.5V button cell (357A)
- Battery Life:** Approx. 1000 hours
- Dimensions:** 6.1x1.25x1 inches or 15.5 x 3.1 x 2.3 cm
- Weight:** 76.5 g (2.7 oz) with case

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