

Model TDS-EZ

## SPECIFICATIONS

- **TDS Range:** 0-9990 ppm
- **Accuracy:** +/- 3%
- **Batteries:** 2 x 1.5V (357A)
- **Calibration:** Factory calibrated to NaCl 342 ppm; Adjustable
- **Battery Life:** Approx. 1000 hours of usage
- **Dimensions:** 15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1 in.)
- **Weight:** 85 g (3 oz)

## WHAT IS TDS?

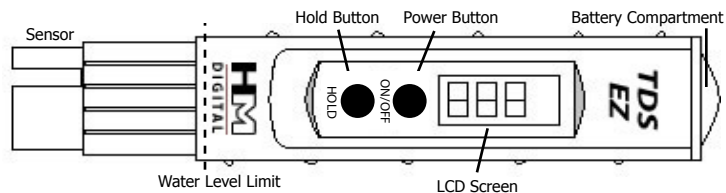
**Total Dissolved Solids (TDS)** are the total amount of mobile charged ions, including minerals, salts or metals dissolved in a given volume of water. TDS, which is based on conductivity, is expressed in parts per million (ppm). TDS includes any conductive inorganic elements present other than the pure water molecules (H<sub>2</sub>O) and suspended solids.

TDS affects everything that consumes, lives in or uses water, from fish and plants to plumbing and laboratories.

For people, the lower the TDS level in the water you drink, the more efficiently your body's cells are hydrated. The higher the TDS level in water, the greater the probability of harmful contaminants that can pose health risks or hinder the absorption of water in the body.

**The U.S. EPA's Maximum Contaminant Level for TDS is 500 ppm.**

## USAGE INSTRUCTIONS and PRECAUTIONS



### Taking Measurements

1. Remove the protective cap.
2. Turn the TDS meter on. The ON/OFF switch is located on the panel.
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. Replace the cap.

### Changing the Batteries

1. Remove the battery compartment.
2. Install new batteries (model 357A or L1154). Be sure the batteries are properly aligned.
3. Replace the battery compartment. The meter will turn on automatically.

### Precautions

1. The meter is **not water-tight**. Do not dip the meter beyond the water level limit.
2. Do not store the meter in high temperatures or direct sunlight.

## CALIBRATION

Your meter has been factory calibrated to a NaCl 342 ppm solution. For information on calibration, please visit [www.hmdigital.com/calibration\\_maintenance.html](http://www.hmdigital.com/calibration_maintenance.html).

## WARRANTY

Your TDS-EZ meter is factory warranted for two (2) years from date of purchase. For warranty information, please visit [www.hmdigital.com/warranty.html](http://www.hmdigital.com/warranty.html).

**HM Digital, Inc.**  
[www.hmdigital.com](http://www.hmdigital.com)

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