

Part	Registration number, version	Date	Author
N/A	Ver. 0.1	25.04.2021	Senior Software Engineer

TARGET: on approach
DONE: on approach

Table 1. Outgoing text . The content before edition

WHAT IS TDS?

Total Dissolved Solids (TDS) are the total weight of all solids (minerals, salts, or metals) that are dissolved in a given volume of water, express in milligrams per liter (mg/L), or in 'parts per million' (PPM).

The lower TDS level in the water, the more efficiently your body's cells actually get hydrated by the water you drink.

The higher the TDS level in the water, the greater the probability of harmful contaminants that can pose health risks of hinder the adsorption of water molecules on the cellular level

The EPA's maximum contaminant levels of TDS in secondary drinking water is 500 mg/L (500PPM)

USE THE TDS METER TO:

- *Check the performance your water filter
- *Check for hardness (1 grain = 17 ppm)
- *Make sure you always drink pure water!

FEATURES

Hold function: Saves measurements for convenient reading and recording. Auto-off function: Turns off meter after 10 minutes of non-use to conserve batteries. Dual Range: Measures from 0-999 ppm, with a resolution of 1 ppm. From 1000 to 9,990 ppm, the resolution is 10 ppm, indicated by displaying x10 image, Factory calibrated.

Range: 0-9,990 ppm
 Accuracy: +/- 2%
 Battery: 2 x 1.5V (Button cell)
 Size: 155 x 31 x 23 mm (6.1 x 1.2 x 0.9 in)
 Weight: 76g (1.13 oz)

THREE YEAR LIMITED WARRANTY

This product is warranted to the purchaser against material and workmanship for three years from the date of purchase.

What is covered: Repairs and labor, or replacement at the company's option. Transportation charges to the purchaser

What is not covered: Transportation charges to the company. Damages from abuse or improper maintenance, see operating instructions and precaution.

Any other consequential damages, incidental damages, or incidental expenses, including damages to property. Some states do not allow the exclusion or limitation of incidental or

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consequential damages, so the above limitation or exclusion may not apply to you.

Implied Warranties

Any implied warranties, including implied warranties of merchantability and fitness for a particular purchase, are limited in duration to a three years from the date of purchase. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

To the extent any provision of this warranty is prohibited by federal and state law and cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Instructions for the TDS meter

1. Remove the protective cap.
2. Turn the TDS meter on.
3. Immerse the meter into the water/solution up to the maximum immersion level(2 *).
4. Waiting until the display stabilizes, TheTDS meter automatically compensates for temperature variations Once the readout is stabilized (30to 45 seconds). press the hold button to save reading.
- 5.After usage, shake off water from ypur meter or wipe it with a tissue

Precautions

Do not drop entire TDS meter in water or dip beyond the maximum immersion level. This unit is noi water-tight and is not covered under the warranty if water enters the unit.

Do not store TDS meter under high temperature or direct sunlight. This will shorten the life-span of the product and potentially void the warranty.

The TDS-3 is calibrated at 90ppm. It is recommended that calibration level be tested. If you are testing higher ppm(Member, water quality association)