

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,expressed in milligrams per liter(mg/L),or in parts per million(PPM).

The lower the 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 or hinder the absorption of water molecules on the cellular level!

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

USE THE TDS METER TO :

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

FEATURES

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

Range:0-9,990ppm

Accuracy:+/-2%

Battery:2X1.5V(Button Cell)

Size:155X31X23mm(6.1X1.2X0.9in)

Weight:76g(1.13oz)

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:T ansportation charges to the company,Damages from abuse or improper maintenance,see operating instructions and precaution.
Any other consequential damages,incidental damage,or incidental expenses,including damages to property.Some states do not allow exclusive or limitation of incidental or 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 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.The TDS 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 your meter or wipe it with a tissue

Precautions

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

Do not store the 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 342ppm. It is recommended that the calibration level be as close as possible to sample to be tested. If you are testing higher ppm(Member,water quality association)

Accuracy Correction (Factory Calibration)

This product is calibrated at the factory, and customers can also correct it according to their own standards.

The calibration procedure is as follows:

In the test solution, press the ON/OFF button to turn on the power - hold down the TEMP button for 3 seconds - the LCD display 1Hzflicker - release the hand, lightly press the TEMP button to increase the numeric value (press the HOLD button to decrease the numeric value) - When the desired value is reached, press MODE again for 3 seconds - the digits on the LCD will no longer flicker, let go. Calibration completed.

This smart key calibration is better than any other resistor product on the market calibrated with a screwdriver:

- 1: dual-chip memory, power-down data will not be lost;
- 2: The product has good linearity error and good consistency

TDS Meter 3

Water Quality Tester



TDS?

TDS(Total Dissolved Solids)是溶解于水里的固型物质的总量。把溶解于水里的固型物质以1升、1/1000g(mg/l)或1/1000000 (ppm)来显示。

用途

- 检测净水器滤芯交货周期的依据。
- 可喝到干净的饮用水。

特点

锁定功能: 为了便于读取和记录, 仪器将会锁定读数。

One Touch功能: 疏忽忘记关闭电源, 也不怕跑电的自动关

闭功能, 10分钟后自动关闭。

测量范围: 可测999ppm以上的自动功能, 测量范围是0-9990ppm。

范围: 0-9990ppm 准确度: $\pm 2\%$

电池: 1.5V*2块 (纽扣电池) 净重: 78g

尺寸: 15.5*3.1*2.3 (cm)

使用说明

1. 拿下笔盖并打开on开关
2. 将笔放入待测液体中, 溶液高度不可超过4cm (从笔端开始)
3. 将笔轻轻在待测液体中搅动, 等读数稳定, TDS的测量数值受温度影响很大, 因此要温度补偿来校正读数, 在10-30秒内TDS数将会固定在显示屏上, 为了锁定数, 请按HOLD键。
4. 使用完毕后, 用布擦干笔头部分的水, 将笔盖盖回。

注意事项

1. 请避免TDS测试笔接触到水里。
2. 请避免高温, 直射光线。
3. 请避免撞击, 重压或摔落。

精度校正 (出厂校正)

本产品出厂均有校正, 顾客也可根据自身标准二次校正。

校正程序如下:

在测试溶液中, 轻按ON/OFF键开机—按住TEMP键3秒—LCD显示的数字1HZ闪烁—松开手, 轻按TEMP键数值增加(轻按HOLD键数值减少)—到了需要的数值时; 再按MODE 3秒—LCD上数字不再闪烁, 松手, 校正完成。

这种按键智能式校正比市场上其它用螺丝刀校正背后的电阻产品好处:

- 1: 双芯片存储, 掉电数据不会丢失;
- 2: 产品线性误差好, 一致性好;