

TDS & EC Meter

USER MANUAL

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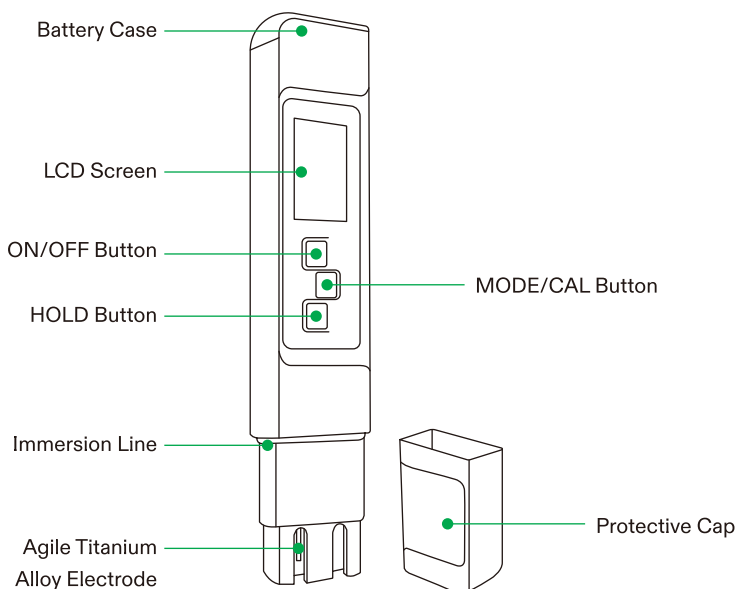
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DESCRIPTIONS

Portable TDS & EC Meter is a professional instrument with multiple functions and can be used to test water TDS (the weight of total dissolved solids of water, measured in the units mg/L or ppm), conductivity (the ability of conduction current expressed in digits, measured in the unit us/cm), and the temperature. It is a highly accurate, pen-type design, with fast and consistent results.

CONTENTS



FUNCTIONS

Measure Range

Concuctivity	0-9990 us/cm	Celsius	0.1 - 80.0 °C
TDS	0-9990 ppm	Fahrenheit	32.0 - 176.0 °F
Accuray	±2%(0-2000ppm)	N.W.	55g
	±5%(>2000ppm)	Size	154×30×14 mm

Hold Function

Instrument will lock the measurement result when you press the "HOLD" button. After locking the device, press the "HOLD" button to unlock. Press the "MODE/CAL" button to convert to the result of different mode.

Auto Shut-off Function

The instrument will automatically shut off to save battery power if no key is pressed within 5 minutes.


Automatic Temperature Compensation


The instrument has automatic temperature compensation function.

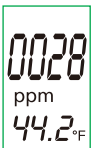
Mode Shift


When you press the MODE/CAL button, the instrument automatically switches between the following four display modes:

FUNCTIONS

	Mode 1
	ppm & °C

	Mode 2
	us/cm & °C

	Mode 3
	ppm & °F

	Mode 4
	us/cm & °F

* The Instrument has memory function , the boot mode is the last time shutdown mode.

MAINTENANCE

Keep the electrode clean. Always keep the electrode protective cap placed over the electrode. This keeps the electrode from degrading. Please remove batteries when not in use for long periods.

WARRANTY

The product warranty period begins on the date of purchase.

The following situations are not covered by warranty: damage caused by misuse (battery leak, water into circuit boards, etc.)

USAGE STEPS

1. Remove the electrode protective cap before use.
2. Press the ON/OFF button and immerse the meter in the solution. (The solution should NOT be above the immersion line!)
3. After the numeric display is stable, press the HOLD button and take the meter out of the solution to check the result.
4. After use, wipe the electrode clean and turn off the meter and replace the protective cap.

NOTE

1. The TDS meter has been pre-calibrated by the manufacturer. You can use it directly.
2. After long time use, it may not be very accurate. You can buy 1413 calibration solution on Amazon to recalibrate this meter.
3. The instrument is a professional instrument, please use it under professional instruction to avoid damage.
4. Avoid heat, direct sunlight.
5. Please use the standard buffer solution to calibrate as incorrect calibration will cause an error, thus affecting the accuracy of measurement, or cause the instrument not to work.
6. This instrument is NOT waterproof, do not drop the instrument into the solution or allow the solution over the immersion line, otherwise this will damage the circuit board and will damage the device

Designed by **VIVOSUN** in California.
Made in China