



Offgridtec TDS Conductivity Meter Instructions

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TDS & EC Conductivity Meter



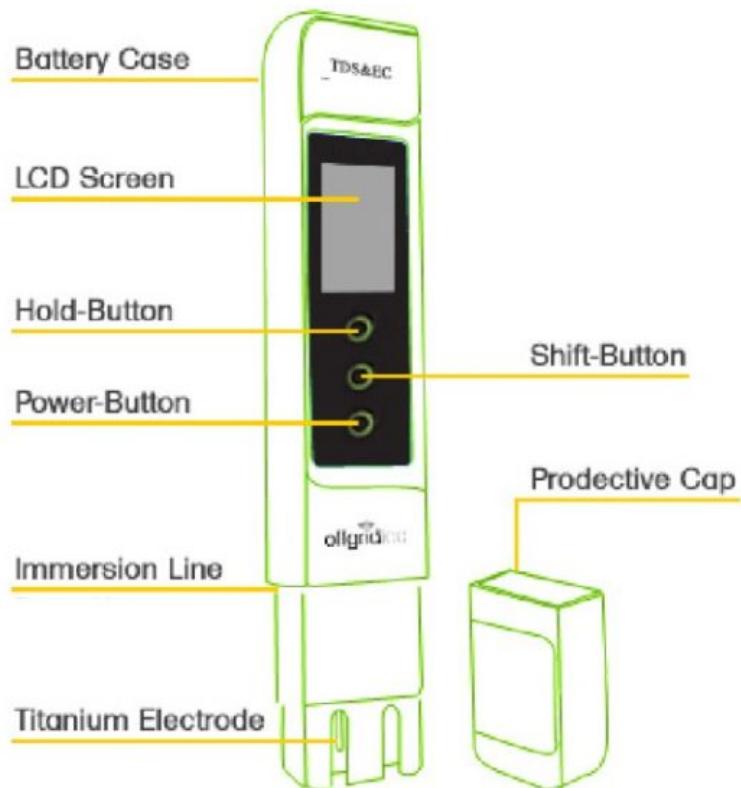
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Product Description

The portable TDS & EC Conductivity Meter is a professional multi- functional instrument designed to test water TDS (Total Dissolved Solids measured in mg/L or ppm), conductivity (the ability to conduct current measured in $\mu\text{S}/\text{cm}$), and temperature. It features high performance, a pen-type design, rapid numerical stability, and accurate results.

Product Presentation



Measure Range

Conductivity	0-9999 $\mu\text{S}/\text{cm}$
TDS	0-9999 ppm
Celsius Range	0.1-80.0 $^{\circ}\text{C}$
Fahrenheit Range	32.0-176.0 $^{\circ}\text{F}$
Accuracy	$\pm 2\%$
Netto Weight	55 g
Size	154x30x14 mm

Quick Guide

Hold-Function

Press the “HOLD” button, and the instrument will lock the measurement result for easy reading and recording. If no key is pressed within 5 minutes, the device will automatically lock the measurement result. Once the value is locked, press the “SHIFT” button to switch to the results of different modes.

Auto Shut-off Function

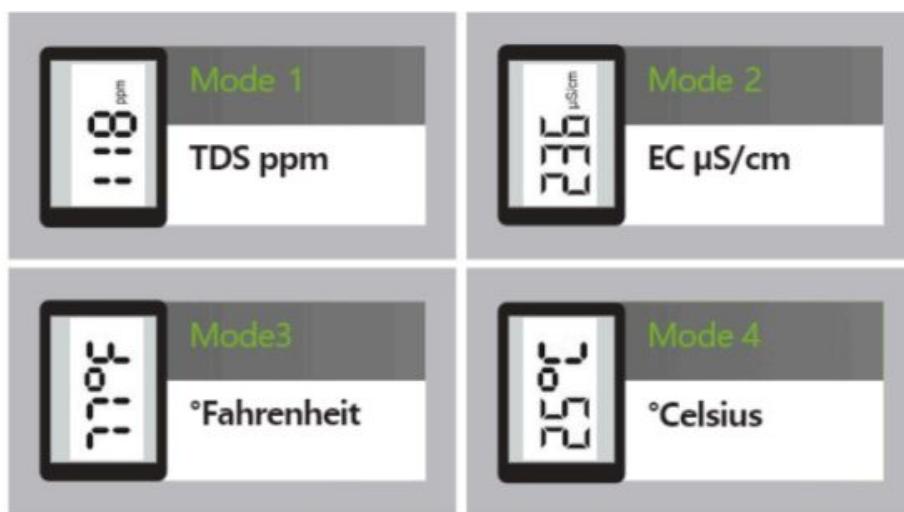
The instrument will automatically shut off to save battery power if no key is pressed within 5 minutes. This helps to save energy and extend battery life.

Auto Temperature Compensation

The instrument has an automatic temperature compensation function in the measurement mode, ensuring that the readings remain accurate regardless of temperature fluctuations.

Shift Mode

Press the “SHIFT” button to switch between the following four display modes of the instrument. The mode memory ensures that the default mode is the last mode used before shutting down.



The instrument has a memory function; the start mode is the same as the last used mode.

Maintenance

Keep the electrode clean. Always close the electrode protective cap. Please take out the batteries if the device will not be used for long periods.

Warranty

Product warranty period is from the date of purchase. The following situations are not covered by the warranty: damage caused by improper use (battery leakage, water entering the circuit board, etc.), appearance damage, and damage to the label.

User Instructions

1. Remove the electrode protective cap before use.
2. Press the ON/OFF button and immerse the meter into the solution (the solution should not exceed the immersion line).
3. After the numerical display is steady, press the HOLD button and take the meter out of the solution to check the result.
4. Wipe the electrode clean after use, turn off the meter, and replace the protective cap.

Notes

1. The instrument is a professional device; please use it under professional instructions to avoid damage.
2. Avoid heat and direct sunlight.
3. Please calibrate using a standard buffer solution. Incorrect calibration can cause measurement errors, affecting accuracy or causing the instrument to malfunction.
4. The instrument is not waterproof. Do not submerge it in the solution or exceed the immersion line to prevent short-circuiting the circuit board.



Documents / Resources

 A thumbnail image of a PDF document titled "Offgridtec TDS Conductivity Meter User Manual". The document cover features the Offgridtec logo and a photograph of the meter.	<p>Offgridtec TDS Conductivity Meter [pdf] Instructions TDS Conductivity Meter, TDS, Conductivity Meter, Meter</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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