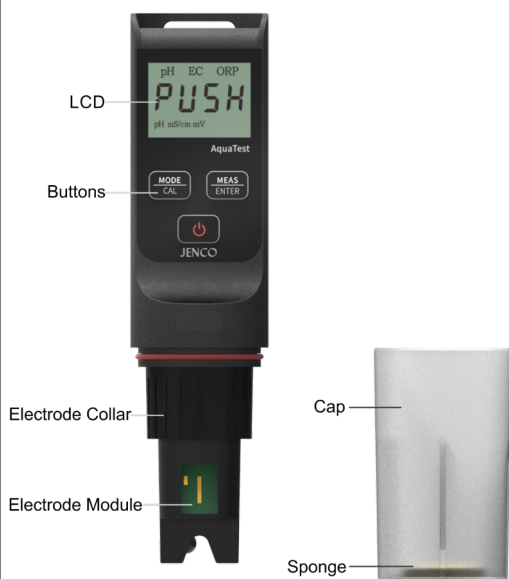


AquaKit User Manual

About the AquaKit Tester

This AquaKit Tester is available as a part of Leslie's Pool Supplies' beta test program opened to its VIP customers. This tester measures pH, ORP, free chlorine, TDS and temperature and communicates the measurement readings to companion Android and iOS apps via Bluetooth connectivity. The companion apps then use measurement readings to recommend actions for proper maintenance of your pool and or spa.



Features

- 4-in-1 Replaceable electrode module for measuring pH, ORP, TDS and temperature.
- Free chlorine calculated from pH and ORP readings.
- IP67 rated waterproof enclosure.
- Electrode cap protects and serves as sample capture container.
- 2x AAA batteries.

- Bluetooth connectivity to companion iOS and Android apps.

Note

As with any water quality device, check to ensure the tester is functioning properly within specification before using its readings.

Turn Tester On and Off

【 Turn Tester On 】

1. Press the POWER button. 

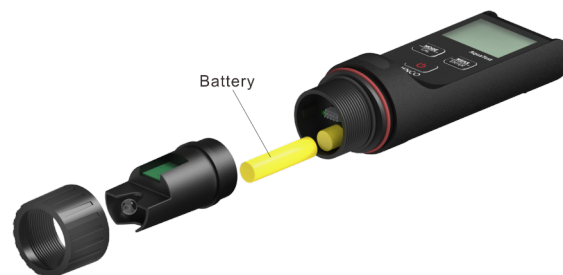
【 Turn Tester Off 】

1. The tester powers off after 3 minutes of inactivity.

Before First Use

【 Insert Batteries 】


1. Unscrew the electrode collar to reveal the battery compartment.
2. Insert the batteries and screw on the electrode collar.



【 Activate the pH Electrode 】

1. If the soaking sponge in the electrode cap is dry, then soak the electrode module in tap water for 10 minutes.

Connect Tester to App

1. Turn tester on. 
2. Launch app.
3. Follow instructions in the app to ensure proper connection between tester and smartphone.
4. The app also has a tutorial that can guide you through all major operations of the tester.

Measure

1. Make sure tester and Bluetooth on the smartphone are turned on.
2. Launch app.
3. Submerge the electrode into the swimming pool water.
4. Press the MEAS/ENTER button to send data from the tester to the app. The tester will display "OrP" and then "End".
5. New data is displayed in the app.



Maintenance

The replaceable electrode module is designed to provide useful measurement readings for up to 6 months from date of purchase when used in typical pool environments. If maintenance is required, the tester can be calibrated by following the procedures below.

1. Prepare the following 1.5 fl oz calibration solutions:
 - For pH, pH 7.00 and/or pH 4.00 calibration solutions.
 - For TDS, EC 500 $\mu\text{S}/\text{cm}$ and/or EC 5000 $\mu\text{S}/\text{cm}$ calibration solutions.
 - For ORP, 220 mV calibration solution.

pH Calibration

1. Press the MODE/CAL button to cycle to the parameter you want to calibrate, in this case pH CAL. Long press MODE/CAL button to exit calibration.
2. Press MEAS/ENTER button to enter pH calibration.
3. The screen displays the current selected calibration value. Press the MODE/CAL button to cycle through the available calibration values.
4. Put the electrode module into the calibration solution and press the MEAS/ENTER button to start calibration.
5. During stabilization the screen flashes the current calibration value.
6. Screen displays "END" indicating the calibration is complete.
7. Repeat steps 1 to 6 to calibrate a second pH point.

Conductivity Calibration

1. Press the MODE/CAL button to cycle to the parameter you want to calibrate, in this case EC CAL. Long press MODE/CAL button to exit calibration.
2. Press MEAS/ENTER button to enter EC calibration.
3. The screen displays the current selected calibration value. Press the MODE/CAL button to cycle through the available calibration values.

4. Put the electrode module into the calibration solution and press the MEAS/ENTER button to start calibration. Note that the screen displays calibration values in mS/cm.
5. During stabilization the screen flashes the current calibration value.
6. Screen displays "END" indicating the calibration is complete.
7. Repeat steps 1 to 6 to calibrate a second EC point.

ORP Calibration

1. Press the MODE/CAL button to cycle to the parameter you want to calibrate, in this case ORP CAL. Long press MODE/CAL button to exit calibration.
2. Press MEAS/ENTER button to enter ORP calibration.
3. The screen displays the current selected calibration value. Press the MODE/CAL button to cycle through the available calibration values.
4. Put the electrode module into the calibration solution and press the MEAS/ENTER button to start calibration. Note that the screen displays calibration values in mV.
5. During stabilization the screen flashes the current calibration value.
6. Screen displays "END" indicating the calibration is complete.

Note

- Long press MODE/CAL button to exit calibration.
- The screen displays Err during calibration if tester cannot reach a stable reading. Prepare new calibration solutions and try again.

Store the Tester in Between Use

1. Add a small amount (1-2 ml) of distilled water to saturate the foam inside the cap, which will serve to keep the pH electrode moist in between use.

General Info

- Before each measurement or calibration, the electrode should be thoroughly rinsed and washed.
- It is recommended that the tester be calibrated once a week.
- Store the tester by immersing the electrode in a 3M or 3.8M KCl solution or by saturating the soaking sponge with distilled water.

Specifications*

pH	
Range	3.00 to 11.00 pH
Accuracy	± 0.20 pH
Resolution	0.01 pH
TDS	
Range	50 to 5,000 ppm
Accuracy	± 3% full scale
Resolution	1 ppm
ORP	
Range	-1000 to 1000 mV
Accuracy	± 3% full scale
Resolution	1 mV
Free Chlorine	
Range	1.0 to 4.0 ppm
Accuracy	± 0.5 ppm
Resolution	0.1 ppm
Temperature	
Range	-0.0 to 50.0 °C
Accuracy	± 0.5 °C
Resolution	0.1 °C
Other	
Dimension	45 x 50 x 206 mm
Power	2x AAA batteries
Waterproof	IP67

* For properly maintained and calibrated testers.

Warranty

Jenco warrants this product to be free from significant deviations in material and workmanship for a period of 1 year from date of purchase. If repair or adjustment is necessary and has not been the result of abuse or misuse, within the year period, please return-freight-prepaid and the correction of the defect will be made free of charge. If you purchased the item from our Jenco distributors and it is under warranty, please contact them to notify us of the situation.

Jenco Service Department alone will determine if the product problem is due to deviations or customer misuse. Out-of-warranty products will be repaired on a charge basis.

Returns

Authorization must be obtained from one of our representatives before returning items for any reason. When applying for authorization, have the model and serial number handy, including data regarding the reason for return. For your protection, items must be carefully packed to prevent damage in shipment and insured against possible damage or loss.

Jenco will not be responsible for damage resulting from careless or insufficient packing. A fee may be charged on all authorized returns.

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