

kactoilly 6 in 1-B

User Manual: Upgraded 6 in 1 Aquarium Water Test Monitor

Model: 6 in 1-B | Brand: kactoilly

1. PRODUCT OVERVIEW

The kactoilly Upgraded 6 in 1 Aquarium Water Test Monitor provides real-time monitoring of six crucial water parameters: pH, Total Dissolved Solids (TDS), Electrical Conductivity (EC), Salinity, Specific Gravity (SG), and Temperature. Designed for both freshwater and saltwater environments, this device helps maintain a healthy aquatic ecosystem by providing accurate and simultaneous readings on its clear LCD display.

Its split design allows for easy probe replacement, and the platinum probes ensure a longer lifespan and more accurate detection, even when submerged.



The monitor features a compact display unit and a separate probe, allowing for flexible installation and continuous monitoring of your aquarium's water quality. It is suitable for various aquatic environments, including fish tanks and ponds.

2. WHAT'S IN THE BOX

- 1x Probe
- 1x Display Unit
- 1x Extension Line (29.5cm)
- 6x pH Buffer Powder packets
- 6x Suction Cups
- 2x Magnetic Stickers
- 1x Charger Plug
- 2x USB Charging Cables
- 1x User Manual (this document)

3. SETUP GUIDE

Follow these steps to set up your kactaily Aquarium Water Test Monitor:

1. **Unpack Components:** Carefully remove all items from the packaging and verify against the "What's in the Box" list.
2. **Connect Probe and Display:** Connect the probe to the display unit using the provided extension line. Ensure a secure connection.
3. **Power On:** Connect the charger plug to a power outlet and then to the display unit using one of the USB charging cables. The device is designed for continuous 24/7 monitoring.
4. **Positioning the Probe:**



Use the suction cups or magnetic stickers to securely attach the probe inside your aquarium. Ensure the probe is fully submerged between the "Max level" and "Min level" markings for accurate readings. The probe is designed to work underwater and has platinum electrodes for enhanced longevity and accuracy.

5. **Positioning the Display Unit:** Place the display unit in a convenient location near the aquarium where you can easily view the readings. The split design allows for flexible placement.

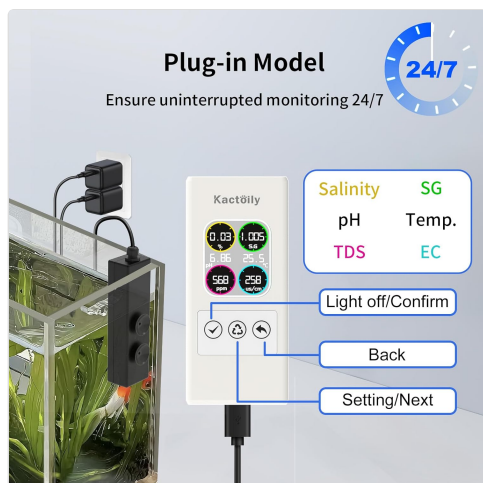
Visual Setup Guide

Your browser does not support the video tag.

Video Description: This video demonstrates the physical setup of the Kactaily 6-in-1 Water Monitor, showing how to connect the probe to the display unit and place the probe in the aquarium. It highlights the wireless connectivity feature and the compact size of the display.

4. OPERATING INSTRUCTIONS

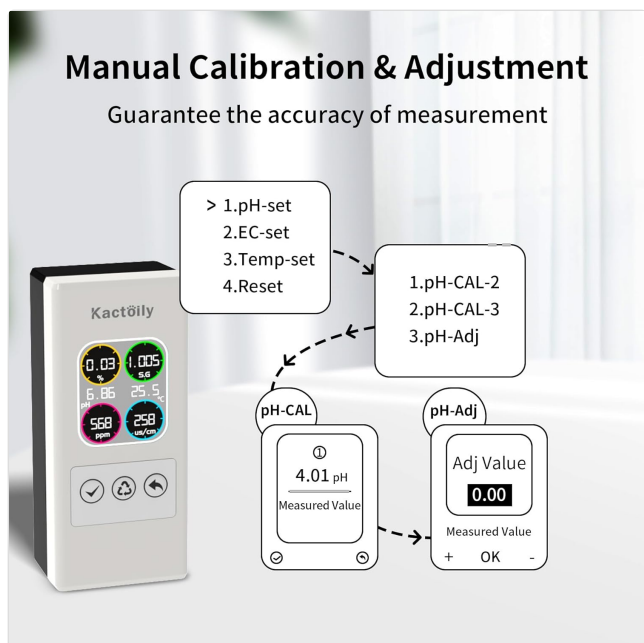
The monitor provides continuous real-time readings of your aquarium's water parameters. The LCD display shows all six parameters simultaneously.



Display Readings: The main display shows Salinity (%), Specific Gravity (SG), pH, Temperature (°C), Total Dissolved Solids (TDS in ppm), and Electrical Conductivity (EC in us/cm). The backlight ensures clear visibility.

Calibration and Adjustment

Regular calibration ensures the accuracy of your measurements. The device supports manual calibration and adjustment.



pH Calibration: Use the provided pH buffer powders to calibrate the pH reading. Follow the on-screen instructions for pH-CAL-2 and pH-CAL-3. For precise adjustments, use the pH-Adj function.

EC Calibration: The device also allows for EC-set calibration.

Temperature Adjustment: If necessary, the temperature reading can be adjusted via the Temp-set option.

Refer to the on-screen menu for detailed steps on accessing these calibration and adjustment functions. The "Setting/Next" button navigates through options, and "Confirm" applies changes.

5. MAINTENANCE

To ensure the longevity and accuracy of your kactöily Aquarium Water Test Monitor, regular maintenance is recommended:

- **Probe Cleaning:** Periodically clean the probe to prevent buildup of algae or mineral deposits, which can affect accuracy. Use a soft brush and distilled water.
- **Calibration:** Calibrate the device regularly, especially the pH sensor, using fresh buffer solutions. The frequency depends on usage and water conditions.
- **Storage:** When not in use for extended periods, ensure the probe is clean and stored in a suitable solution (e.g.,

KCL storage solution or pH 4 buffer) to keep the sensor hydrated.

- **Cable Inspection:** Check all cables and connections for any signs of wear or damage.

6. TROUBLESHOOTING

If you encounter issues with your monitor, try the following:

Problem	Possible Cause	Solution
Inaccurate Readings	Probe dirty or needs calibration; sensor aging.	Clean the probe. Perform a full calibration using fresh buffer solutions. If issues persist, the probe may need replacement.
Display Not Turning On	Power cable disconnected; faulty power adapter.	Ensure all power connections are secure. Try a different USB charging cable or power adapter.
No Readings for a Parameter	Probe not fully submerged; damaged probe.	Ensure the probe is submerged past the minimum level. Inspect the probe for visible damage.

If troubleshooting steps do not resolve the issue, please contact customer service.

7. SPECIFICATIONS

Parameter	Details
Product Name	Upgraded 6 in 1 Aquarium Water Test Monitor
Model	6 in 1-B
Brand	kactoilly
Measured Parameters	pH, TDS, EC, Salinity, SG, Temperature
Design	Split design (separate probe and main unit)
Probe Type	Platinum Probes
Temperature Compensation	Automatic Temperature Compensation (ATC)
Compatibility	Freshwater and Saltwater
Item Weight	1.66 pounds
Package Dimensions	11.81 x 3.74 x 2.36 inches

8. WARRANTY AND CUSTOMER SUPPORT

kactoilly is confident in the quality of this digital pH meter and provides warranty or refund for it. If you have any questions or require assistance with your product, please do not hesitate to contact our customer service team. We are committed to solving your problems within 24 hours.

Customer Service: Available 24/7.

For further support, you may visit the official kactoilly store on Amazon:[kactoilly Store](#)



