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› Pawfly 6 in 1 Digital Water Testing Kit Instruction Manual

Pawfly Pawfly-CW4992

Pawfly 6 in 1 Digital Water Testing Kit

Model: Pawfly-CW4992

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Pawfly 6 in 1 Digital Water Testing Kit. This device is designed to accurately measure six critical water parameters: pH, Nitrate (NO₃), Nitrite (NO₂), Chlorine (CL₂), Total Hardness (GH), and Carbonate (KH). Regular testing helps maintain optimal water conditions for various aquatic environments, including freshwater tanks, saltwater aquariums, reef systems, and breeding setups.

PRODUCT OVERVIEW

Components

The Pawfly 6 in 1 Digital Water Testing Kit includes the following components:

- Digital Water Tester (TS-1000)
- 50 Test Strips
- Storage Box
- User Manual (this document)

6 in 1

Digital Water Testing Kit

Perfect Water Balance
at Your Fingertips



Image: The complete Pawfly 6 in 1 Digital Water Testing Kit, showing the storage box, test strips, digital tester, and user manual.

Key Features

- **6-in-1 Parameter Analysis:** Measures pH, Nitrate (NO₃), Nitrite (NO₂), Chlorine (CL₂), Total Hardness (GH), and Carbonate (KH).
- **Digital Readout:** Provides clear numerical results, eliminating the need for color matching.
- **High Accuracy:** Designed for precise detection of minute water changes.
- **Quick Results:** Obtain test results within 30 seconds.
- **Data Storage:** Stores up to 100 test records for historical comparison.
- **Portable Design:** Battery-powered (3 AA batteries, not included) for testing anywhere.
- **Backlit LED Display:** Ensures clear readings even in low-light conditions.
- **Auto Power-Off:** Automatically turns off after 10 minutes of inactivity to conserve battery life.

SETUP

Battery Installation

1. Locate the battery compartment on the back of the digital tester.
2. Open the battery compartment cover.
3. Insert three (3) AA batteries (not included), ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Smart Testing for Every Water Challenge



Freshwater Tank



Saltwater Tank



Reef Tank

Image: The digital water tester with its battery compartment open, showing where to insert 3 AA batteries.

OPERATING INSTRUCTIONS

Follow these steps for accurate water testing:

1. **Power On:** Press and hold the power button (labeled with a 'U' symbol) on the digital tester to turn it on.
2. **Prepare Test Strip:** Take one test strip from the bottle. Ensure the bottle is immediately sealed to protect remaining strips from moisture.
3. **Immerse Strip:** Dip the test strip into the water sample for exactly 2 seconds.
4. **Shake Off Excess Water:** Remove the strip from the water and gently shake off any excess water. Do not wipe the strip.
5. **Insert Strip:** Insert the test strip into the testing slot on the digital tester, ensuring all test pads are facing upwards and fully inserted.
6. **Initiate Test:** Press the "OK" button on the tester. The device will begin a countdown.
7. **Wait for Results:** Wait for the countdown to reach 0 (approximately 30 seconds). The test results will then be displayed on the screen.

**Powered by 3 AA Batteries
(Not Included)**

No more tangled cable
Portable for tests anywhere



Image: A visual guide demonstrating the six steps for using the digital water tester, from powering on to reading results.

Video Guide: How to Use the Pawfly 6 in 1 Digital Water Testing Kit

Your browser does not support the video tag.

Video: An official instructional video from Pawfly demonstrating the step-by-step process of using the 6 in 1 Digital Water Testing Kit for accurate water parameter measurements.

UNDERSTANDING RESULTS

The digital tester provides numerical readouts for each parameter. Refer to the table below for the tester's coverage range and typical safe ranges for aquarium water. If a parameter exceeds the testing range, the maximum value will be displayed. If it falls below the minimum detectable value, the minimum value will appear.



Image: A table detailing the measurement ranges of the Pawfly tester for each parameter and the corresponding safe ranges for aquarium water.

Water Parameter Ranges

Parameter	Pawfly Tester Coverage	Typical Safe Range
pH	6.2-8.4	6.8-7.6
Nitrate (NO3)	0-250 ppm	0-25 ppm
Nitrite (NO2)	0-20 ppm	0 ppm
Chlorine (CL2)	0-10 ppm	0 ppm
Total Hardness (GH)	0-425 ppm	25-150 ppm
Carbonate (KH)	40-180 ppm	40-120 ppm

MAINTENANCE

Test Strip Storage

To ensure the longevity and accuracy of your test strips, always reseal the bottle immediately after removing a strip. The bottle contains a desiccant to absorb moisture, which can degrade the chemical pads on the strips.

50 Test Strips for Regular Testing

Sensitive fiber paper for high accuracy
Bottle with desiccant for dry storage



Image: Pawfly test strips shown with their protective bottle and desiccant packet, emphasizing proper storage.

Tester Cleaning

Wipe the digital tester with a soft, dry cloth as needed. Do not immerse the tester in water or use abrasive cleaners. Ensure the testing slot is free of debris.

Battery Replacement

Replace the three (3) AA batteries when the low battery indicator appears on the screen or if the device fails to power on. Always use fresh batteries for optimal performance.

TROUBLESHOOTING

Issue: Inconsistent Readings

Solution: Ensure you are following the operating instructions precisely, especially regarding immersion time (2 seconds) and shaking off excess water. Inconsistent technique can lead to varied results. Also, verify that the test strips are not expired or compromised by moisture. Store strips in a cool, dry place with the cap tightly sealed.

Issue: Tester Does Not Power On or Shuts Off Quickly

Solution: Check the batteries. Ensure they are correctly installed with the proper polarity and are not depleted. Replace with fresh AA batteries if necessary. If the issue persists after replacing batteries, contact customer support.

Issue: Display is Dim or Unreadable

Solution: The device features a backlit LED display. If the display is dim, it may indicate low battery power. Replace the batteries. If the issue continues, contact customer support.

SPECIFICATIONS

- **Model Name:** Aquarium Water Master Test Kit-CW4992
- **Item Model Number:** Pawfly-CW4992
- **Parameters Measured:** pH, Nitrate (NO₃), Nitrite (NO₂), Chlorine (CL₂), Total Hardness (GH), Carbonate (KH)
- **Power Source:** 3 x AA Batteries (not included)
- **Included Components:** Digital Tester, 50 Test Strips, Storage Box, User Manual
- **Item Weight:** 1.41 pounds
- **Item Package Dimensions (L x W x H):** 9.88 x 8.19 x 2.64 inches
- **Manufacturer:** Pawfly
- **Specific Uses:** Monitoring water quality in freshwater tanks, saltwater aquariums, reef systems, and breeding setups.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product packaging or visit the official Pawfly website. Contact details for support are typically provided in the product's original packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question