

Bewinner PC101

Bewinner PC101 Portable Water Quality Tester

User Manual

1. INTRODUCTION

Thank you for choosing the Bewinner PC101 Portable Water Quality Tester. This electronic device is designed for quick and accurate measurement of chlorine and pH levels in swimming pools and spas. Its large LCD screen provides clear readings, making water quality analysis straightforward and efficient. Please read this manual thoroughly before operation to ensure proper use and longevity of your device.

2. SAFETY INFORMATION

To prevent personal injury or equipment damage, please observe the following safety precautions:

- **Do not immerse the probe in any liquid other than pool or spa water.**
- **Do not attempt to disassemble, modify, or repair the product yourself.** Unauthorized modifications can lead to malfunction and void the warranty.
- Always rotate the switch to the "OFF" position when the tester is not in use to conserve battery life.
- Store the tester in a cool, dry place away from direct sunlight and extreme temperatures.
- Keep out of reach of children.



1 Warning

Do not attempt to disassemble, modify or repair the product yourself to avoid personal injury or equipment damage.

2 Warnung

Versuchen Sie nicht, das Produkt selbst zu zerlegen, zu modifizieren oder zu reparieren, da dies zu Verletzungen oder Geräteschäden führen kann.

3 Avertissement

N'essayez pas de démonter, de modifier ou de réparer le produit vous-même, car vous risqueriez de vous blesser ou d'endommager l'équipement.

4 Advertencia

No intente desmontar, modificar o reparar el producto usted mismo para evitar lesiones personales o daños en el equipo.

5 Ostrzeżenie

Nie próbuj rozkładać, modyfikować ani naprawiać produktu samodzielnie, aby uniknąć urazu osobistego lub uszkodzenia sprzętu.

6 Waarschuwing

Probeer het product niet zelf te demonteren, aan te passen of te repareren, want dit kan leiden tot letsel of schade aan het apparaat.

7 Varning

Försök inte att demontera, modifiera eller reparera produkten själv, eftersom det kan leda till personskador eller skador på apparaten.

8 Attenzione

Non tentare di smontare, modificare o riparare autonomamente il prodotto per evitare lesioni personali o danni all'apparecchiatura.

9 Uyarı

Kendiniz ürünü sökmeye, değiştirmeye veya tamir etmeye kalkışmayın, kişisel yaralanma veya ekipman hasarı oluşabilir.

Image: A warning label indicating not to disassemble, modify, or repair the product.

3. PRODUCT OVERVIEW AND COMPONENTS

The Bewinner PC101 Water Quality Tester consists of a main unit with an LCD display and a probe with two metal rods connected by a coiled cable.

- **Main Unit:** Houses the battery compartment, control switch (CL/OFF/PH), and the large LCD display for reading measurements.
- **Probe:** Features two metal rods for immersion into the water. Connected to the main unit via a coiled cable.
- **Adjustment Knob:** Located on the main unit, used for calibration.



Image: The Bewinner PC101 Water Quality Tester showing the main unit and the attached probe.



Image: A close-up view of the tester's LCD display, showing the pH and Chlorine scales.



Image: A detailed view of the two metal probes at the end of the tester's cable.

4. SETUP AND CALIBRATION

Before using the Bewinner PC101 for the first time, or any time you use it to test the pH level, it is crucial to calibrate the device. This ensures accurate readings.

4.1 Battery Installation

The device requires 1x AA battery (not included). Open the battery compartment on the back of the main unit and insert the battery, observing the correct polarity.



Image: The back of the Bewinner PC101 tester, showing the battery compartment and quick reference guide.

4.2 pH Calibration (Adjustment Point)

The pH calibration is essential for accurate measurements. You will need a reliable reference pH measurement (e.g., from a liquid test kit or test strips) of your pool or spa water.

1. Ensure the switch is in the "OFF" position.
2. Using a traditional liquid test kit or test strips, determine the pH level of your pool or spa water.
3. Immerse the metal probes of the tester into the water.
4. Turn the switch to the "PH" position.
5. Using a small screwdriver, carefully turn the adjustment knob on the side of the main unit until the needle on the display matches the pH reading obtained from your reference test kit.
6. Once calibrated, turn the switch to the "OFF" position.

Note: The manufacturer recommends adjusting the tester to the "adjustment point" (calibrating) before each use for pH measurement to ensure optimal accuracy. The pH measurement range for this device is 7.2-7.8.

5. OPERATING INSTRUCTIONS

Follow these steps to measure chlorine and pH levels in your pool or spa water.

5.1 Measuring Chlorine (CL) Level

1. Ensure the switch is in the "OFF" position.
2. Hold the main unit in one hand and the probe in the other.
3. Immerse the metal probes into the pool or spa water up to the black plastic level.
4. Turn the switch to the "CL" position.
5. Wait for the needle to settle and read the chlorine level on the display. The ideal chlorine range is typically 1.2 to 1.7 ppm.
6. After reading, turn the switch to the "OFF" position.



Image: The Bewinner PC101 tester being used at the edge of a swimming pool.

5.2 Measuring pH Level

1. Ensure the switch is in the "OFF" position.
2. Perform pH calibration as described in Section 4.2 before proceeding.

3. Immerse the metal probes into the pool or spa water up to the black plastic level.
4. Turn the switch to the "PH" position.
5. Wait for the needle to settle and read the pH level on the display. The ideal pH range is typically 7.2 to 7.8.
6. After reading, turn the switch to the "OFF" position.



Image: The Bewinner PC101 tester positioned with a swimming pool lane in the background.



Swimming Pool



Spring Water



Sauna Center



SPA

Image: The Bewinner PC101 tester surrounded by icons representing various water sources like swimming pools, spring water, sauna centers, and spas, indicating its wide application.

6. MAINTENANCE

Proper maintenance will extend the life of your Bewinner PC101 tester.

- **Cleaning the Probes:** After each use, gently wipe the metal probes with a clean, soft cloth to remove any residue. Do not use abrasive cleaners or harsh chemicals.
- **Storage:** Always turn the switch to the "OFF" position before storing. Store the tester in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If the display becomes dim or the readings are inconsistent, replace the AA battery.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Low or dead battery; incorrect battery installation.	Replace the AA battery, ensuring correct polarity.
Inaccurate or inconsistent readings	Improper calibration; dirty probes; water temperature outside optimal range; device malfunction.	Recalibrate the pH (Section 4.2). Clean the probes thoroughly. Ensure water temperature is within recommended operating range. If issues persist, contact customer support.
Needle does not move	Switch not in correct position (CL or PH); probes not fully immersed; internal fault.	Ensure switch is set to CL or PH. Ensure probes are immersed up to the black plastic level. If still unresponsive, contact customer support.

8. SPECIFICATIONS

- **Product Name:** Bewinner PC101 Portable Water Quality Tester
- **Model:** PC101
- **Brand:** Bewinner
- **Measurement Range (pH):** 7.2 - 7.8 pH
- **Measurement Range (Chlorine):** 0.5 - 3.0 ppm (parts per million)
- **Accuracy:** 0.1 pH / 0.1 ppm Chlorine
- **Power Source:** 1 x AA Battery (not included)
- **Product Dimensions:** Approximately 12.2 x 8.27 x 1.57 inches
- **Product Weight:** Approximately 7.41 ounces
- **Recommended Use:** Swimming pool and spa water testing

9. WARRANTY AND SUPPORT

Bewinner is committed to providing quality products. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Bewinner website.

If you encounter any issues or have questions regarding your Bewinner PC101 Water Quality Tester, please contact Bewinner customer support. Your satisfaction is our main concern.

- **Online Support:** Visit the [Bewinner Store on Amazon](#) for FAQs and contact information.
- **Email Support:** Refer to your product packaging or the Bewinner website for direct email contact.

