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> Floating Smart Digital Pool Thermometer - 6-in-1 Bluetooth Water Meter, IP67 Waterproof, Tests EC, Salinity, pH, ORP, Temperature, Chlorine for Swimming Pools, Hot Tubs, Ponds User Manual

## TEKCOPLUS TK369PLUS

# Floating Smart Digital Pool Thermometer User Manual

Brand: TEKCOPLUS | Model: TK369PLUS

## INTRODUCTION

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The TEKCOPLUS Floating Smart Digital Pool Thermometer (Model: TK369PLUS) is a versatile 6-in-1 Bluetooth water meter designed for comprehensive water quality monitoring. It accurately tests EC (Electrical Conductivity), Salinity, pH, ORP (Oxidation-Reduction Potential), Temperature, and Chlorine levels, making it ideal for swimming pools, hot tubs, spas, and ponds.



The TEKCOPLUS Floating Smart Digital Pool Thermometer, shown alongside its mobile application interface, highlights its comprehensive water testing capabilities.

## WHAT'S IN THE BOX

The product package includes the following items:

- Floating Monitor
- pH Buffer Powders (for calibration)
- Instruction Manual



The complete set of the TEKCOPLUS Floating Smart Digital Pool Thermometer, including calibration powders and the user manual.

## PRODUCT OVERVIEW

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The TEKCOPLUS Floating Smart Digital Pool Thermometer features an intuitive LCD screen for clear readings, along with dedicated buttons for 'HOLD/TEMP Unit', 'ON/OFF', and 'MODE/CAL'. The device incorporates a high-quality sensor at its base for accurate measurements. It is designed for easy handling and includes a removable handle for convenience. The battery compartment is easily accessible for replacing the 3xAAA batteries.



Labeled components of the device, highlighting the LCD screen, control buttons, and the sensor.

15.5cm



weight:  
**210g**

8.5cm

View of the battery compartment, designed for easy access to replace 3xAAA batteries.

# BLUETOOTH CONNECTION



Download the "YINMIK" app



Turn on your mobile phone's Bluetooth connection



Long press the "On/Off" button until the meter displays the Bluetooth icon



The device name "BLE-YC01" will appear if the pairing is successful

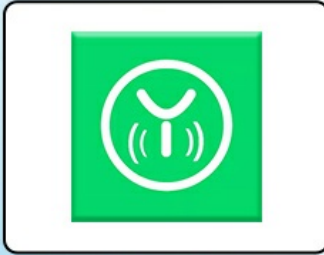
The compact dimensions of the device, measuring approximately 15.5cm in height and 8.5cm in width, with a weight of 210g.

## SETUP

To set up your TEKCOPLUS Floating Smart Digital Pool Thermometer, follow these steps:

1. **Battery Installation:** Open the battery compartment and insert 3xAAA batteries, ensuring correct polarity. Securely tighten the cover.
2. **App Download:** Download the 'YINMIK' app from your mobile device's app store.
3. **Initial Placement:** Turn on the meter and place the electrode into the solution you wish to test. Allow the reading to stabilize before proceeding.

# BLUETOOTH CONNECTION



Download the "YINMIK" app



Turn on your mobile phone's Bluetooth connection



Long press the "On/Off" button until the meter displays the Bluetooth icon



The device name "BLE-YC01" will appear if the pairing is successful

Visual guide for battery replacement and placing the meter in water for measurement.

## OPERATING INSTRUCTIONS


The TEKCOPLUS Floating Smart Digital Pool Thermometer offers multiple measurement modes and convenient features for accurate water analysis.

### Measurement Modes

This 6-in-1 device measures:

- EC (Electrical Conductivity)
- Salinity
- pH
- ORP (Oxidation-Reduction Potential)
- Temperature
- Chlorine

Use the 'MODE/CAL' button to cycle through these measurement parameters on the device's LCD screen.



## Measurement Modes

<b>PH</b> 0.1~14.0pH	<b>EC</b> 0~1999uS/cm 2000~10000uS/cm 10.01~20.0mS/cm	<b>TDS</b> 0~999ppm 1000~9990ppm
<b>ORP</b> ±1200mV	<b>CL</b> 0.1~4.0mg/L	<b>TEMP</b> 0.1~80.0°C 32.1~176.0°F

### pH Level Range:

<b>&lt;4.5pH</b>	Extremely strong acidity
<b>4.5~5.5pH</b>	Strong acidity
<b>5.5~6.5pH</b>	Acidic
<b>6.5~7.5pH</b>	Neutral
<b>7.5~8.5pH</b>	Alkaline
<b>8.5~9.5pH</b>	Strong alkaline
<b>&gt;9.5pH</b>	Extremely alkaline

Overview of the six measurement modes and pH level ranges.

### Data HOLD Function

To temporarily freeze the current reading on the display, press the 'HOLD/TEMP Unit' button. This allows you to record the value before it changes. The device also supports data memory storage for up to 1000 records, accessible via the mobile application.

### Bluetooth Connection

For remote monitoring and data management, connect the device to your smartphone via Bluetooth:

1. Ensure Bluetooth is enabled on your mobile phone.
2. Long press the 'ON/OFF' button on the meter until the Bluetooth icon appears on its display.
3. Open the 'YINMIK' app on your phone. The device name 'BLE-YC01' should automatically appear on the screen if the pairing is successful. Confirm the connection within the app.

# 24 HOURS ONLINE MONITORING via Mobile Application

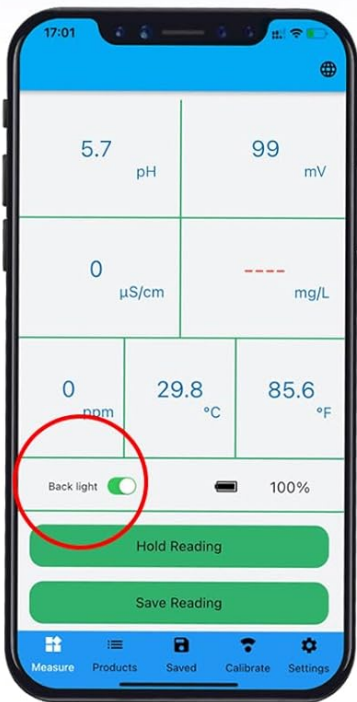
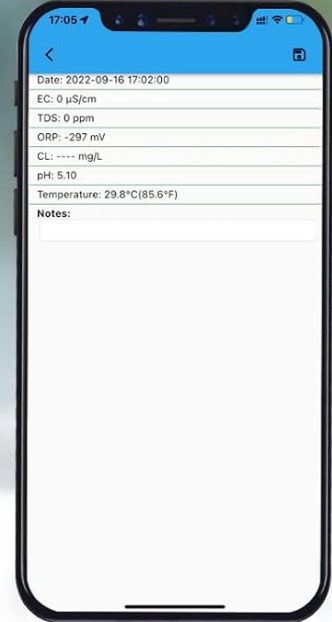
compatible with  
IOS and Android



with Data export  
function



- Export as EXCEL file
- Can store up to **1000 data records**
- Support Printing and Sharing



## Turn On/Off backlight using Mobile Application



Visual guide for Bluetooth connection process, from app download to successful pairing.

This video demonstrates the key features of the TEKCOPLUS 6-in-1 Smart Monitor, including its compact design, high-quality sensor, six measuring parameters (EC, Salinity, pH, ORP, Temperature, Chlorine), data hold function, and Bluetooth connectivity for seamless integration with your mobile device.

### Online Monitoring & Data Export

The 'YINMIK' mobile application provides 24-hour online monitoring capabilities, compatible with both iOS and Android devices. You can view real-time data, export data as an EXCEL file, store up to 1000 data records, and support printing and sharing of results. The app also allows you to control features like the backlight function.





The high-precision electrode, which requires regular cleaning and calibration for optimal performance.

## TROUBLESHOOTING

If you encounter issues with your TEKCOPLUS Floating Smart Digital Pool Thermometer, refer to the following common problems and solutions:

Problem	Solution
Device does not connect to app via Bluetooth.	Ensure Bluetooth is enabled on both the device and your mobile phone. Long press the ON/OFF button on the meter until the Bluetooth icon appears. Confirm the device name "BLE-YC01" appears on your phone's screen. Try restarting both the device and the phone.
Inaccurate readings or device stops working.	Ensure the sensor is clean and free from debris. Perform calibration as per the instructions. Check battery levels and replace if necessary. If issues persist, refer to the official user manual (PDF) for advanced troubleshooting.
Temperature display is incorrect or needs changing.	Press and hold the "HOLD/TEMP" button to toggle between Celsius (°C) and Fahrenheit (°F).

## SPECIFICATIONS

Detailed technical specifications for the TEKCOPLUS Floating Smart Digital Pool Thermometer:


Parameter	Value
Product Dimensions	0.16 x 7.68 x 4.52 inches; 7.41 ounces
Item model number	TK369PLUS
Date First Available	July 5, 2023
Manufacturer	Tekcoplus Ltd
ASIN	B0CB5PMT86
Country of Origin	China

Parameter	Value
Ph Range	0.00-14.00
Recommended Uses For Product	Swimming Pool, Hot Tub, Spa

## Measuring Parameters and Calibration

For detailed ranges, resolutions, and accuracy of each measurement parameter, as well as calibration specifics, please refer to the table below:

**WIDE APPLICATION:**



Fish Pond      Hot Spring      Aquarium      Bathtub      Swimming Pool

Comprehensive table of measuring parameters and calibration details.

## WARRANTY AND SUPPORT

The TEKCOPLUS Floating Smart Digital Pool Thermometer is manufactured by Tekcoplus Ltd. For information regarding warranty coverage and return policies, please refer to the purchase platform or the official user manual. This product typically includes a 30-day return/replacement policy.

For further assistance or detailed instructions, you can refer to the [Official User Manual \(PDF\)](#).