



# Quick Start Guide

## YSI ProPlus Water Quality Meter



The YSI ProPlus is a water quality meter that measures; temperature, conductivity, pH, ORP & DO, for surface water or groundwater.

### **Normal Operation:**

Press the “On/Off” button the instrument will start-up and begin to display multi-parameters on the handset screen.

### **Calibrating the YSI ProPlus**

Solutions provided with your YSI ProPlus rental include: pH 4, 7, and 1,413  $\mu\text{m}/\text{cm}$  conductivity solution.

Press “Cal” the button to access the calibration menu.

**Note:** Properly rinse the probe with clean water between calibrations for maximum accuracy.

### **Conductivity Calibration:**

- Select “Conductivity” from the calibration menu.
- Next, “Conductivity” from the conductivity calibration menu.
- Fill the clear calibration cup with the provided 1,413  $\mu\text{m}/\text{cm}$  solution and gently screw the cup onto the probe.
- Enter calibration value (1,413  $\mu\text{m}/\text{cm}$ ).
- Allow at least 1 minute for parameter stabilization, then select “Accept Calibration”.

## **pH Calibration (pH 4 & 7 provided, pH 10 optional)**

- From the calibration menu, highlight and select pH.
- Fill the calibration cup with pH 7.01 solution, the calibration value should auto-detect pH 7.
- Allow at least 1 minute for parameter stabilization, then select “Accept Calibration”.
- Repeat the above steps for pH 4.01 and 10.01.

## **ORP Calibration (optional)**

- From the calibration menu, highlight and select ORP.
- Enter in the ORP mV as “240”.
- Fill the calibration cup with respective solution.
- Allow at least 1 minute for parameter stabilization, then select “Accept Calibration”.



## **Flow Cell:**

The YSI flow cell easily secures to the probe by gently threading and screwing the flow cell directly to the probe .

## **Tips on use:**

- This instrument is not designed to measure free-phase contaminants. Exposure to free-phase solvents can damage the sensors and probe assembly.
- The handset is not designed for water submersion, this can lead to damages.
- Do not store the instrument in below zero °C temperatures as this can damage the probe sensors.



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