



# Pro10

## Quick Start Guide

This Quick Start Guide is meant to serve as a quick reference in calibrating and operating the Pro10. It is not intended to replace the information found in the User Manual.

### Getting Started

Unpack the instrument and install (2) C size batteries in the back of the instrument. Tighten the four screws of the battery cover on to the back of the instrument.

### Installing the Sensor

Prior to use, install either a pH or ORP sensor into the 60510 cable assembly. Remove the temporary plastic plug from the cable's port by pulling it straight out of the port. Remove the plastic plug from the sensor's connector by pulling it straight off the sensor. Insert the sensor into the port so the o-rings on the sensor are no longer visible. Hand tightening the sensor into place by twisting it clockwise. Do not use a tool and do not over tighten

Enable the correct ISE (either pH or ORP) in the instrument's System Setup menu. Attach the cable assembly to your instrument.

### pH Calibration

The Pro10 pH sensor can be calibrated by performing a 1, 2 or 3-point calibration. At least one of the calibration points must be done with pH buffer 7 or 6.86. For highest accuracy, perform at least a 2-point calibration.

#### 2 or 3-Point Calibration

1. Place the sensor in pH buffer 7 or 6.86 and allow the temperature and pH readings to stabilize.
2. Press and hold **Cal** for three seconds.
3. Highlight **pH** and press **Enter**. If pH is not listed as an option, check the System Setup menu to ensure pH is enabled in the ISE Sensor Type menu.
4. Highlight **2 point** or **3 point** and press enter.
5. If necessary, use the up and down arrow keys to adjust the pH buffer value.
6. Press **Enter** to continue to second point.

7. Rinse the sensor and place it in the second pH buffer (4/4.01 or 10/9.18). If necessary, use the up and down arrow keys to adjust the pH buffer value.
8. Wait approximately 30 to 60 seconds for the pH sensor to stabilize and for the temperature reading to stabilize.
9. Press **Enter** to either complete the 2-point calibration or to continue with the 3rd calibration point. Or, press **Cal** to cancel.
10. If continuing on with a 3rd calibration point, rinse the sensor and place it in the third pH buffer (4/4.01 or 10/9.18). If necessary, use the up and down arrow keys to adjust the pH buffer value.
11. Wait approximately 30 to 60 seconds for the pH sensor to stabilize and for the temperature reading to stabilize.
12. Press **Enter** to complete the 3-point calibration. Or, press **Cal** to cancel.
13. '**Calibration Successful**' will display for a few seconds to indicate a successful calibration and then the instrument will return to the Run screen.
14. If the calibration is unsuccessful, an error message will display on the screen. Press the **Cal** key to exit the calibration error message and return to the Run screen.

## ORP Calibration

1. Place the clean sensor in ORP calibration solution. Wait for the ORP and temperature readings to stabilize.
2. Press and hold **Cal** for three seconds.
3. Highlight **ORP** and press **Enter**. If ORP is not listed as an option, check the System Setup menu to ensure ORP is enabled in the ISE Sensor Type menu.
4. Use the up and down arrow keys to adjust the ORP calibration solution value.
5. Wait for the temperature reading to stabilize, then press **Enter** to complete the calibration or press **Cal** to cancel.
6. '**Calibration Successful**' will display for a few seconds to indicate a successful calibration and then the instrument will return to the Run screen.
7. If the calibration is unsuccessful, an error message will display on the screen. Press the **Cal** key to exit the calibration error message and return to the Run screen. Refer to the troubleshooting section of the manual for a possible solution or contact YSI Technical Support.

## Taking Measurements

1. Before taking measurements, be sure the instrument has been calibrated to ensure the most accurate readings.
2. Install the sensor guard and then insert the probe into the sample.
3. Highlight **Save** and press **Enter** to store the reading. The instrument will confirm the reading was successfully saved.

## Contact Information

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Visit **YSI.com/Pro10** to find the  
User Manual, specs, and accessories.

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