

WQSensor pH Quick Start Guide

This guide will help you get started. Detailed instructions are available on the WQSensors Software & Science Library CD.

Overview

A WQSensor is a *smart sensor*, which connects directly to Windows based computers via a USB connection. No meters, batteries or power supplies are required. The WQSensor is powered from the USB port, and data is displayed directly on the computer monitor.

Each *smart sensor* includes memory for storing the factory calibration, several recent user calibrations, a GLP (Good Laboratory Practices) file and a unique ID. WQSensors Software maintains a history of all sensors.

Contents

Part #	Description
1006	WQSensors Software & Science Library CD
WQ-pH	pH & temperature sensor
WQ-BOT	Storage bottle for WQ Sensors

Getting Started

Before connecting the sensor to the computer, first install WQSensors software.

- Step 1.** Insert the CD into the computer CD drive and follow the installation wizard.
- Step 2.** Connect the WQ-pH Sensor to a USB port on your computer and follow the Windows Driver Installation wizard. For assistance see Appendix D of the manual.
- Step 3.** Run WQSensors software and pH readings will be displayed on the *Sensors* display.



Using the Sensor

The *Sensors* menu displays real-time pH and temperature readings. Data is updated once per second. *Calibrate* and *Log* functions are available. Simply click a button on the left.

Log intervals can be changed from the *Settings* menu while data reports and Good Laboratory Practices files can be displayed from the *View* menu.

Calibration

The software supports 1, 2 or 3-point pH calibration. If expected readings are above or below pH 7, a 2-point calibration is recommended. To calibrate:

- Step 1.** Place the sensor in pH 7 buffer, and allow 30 to 60 seconds for the readings to stabilize.
- Step 2.** Press the *Calibrate* button. Enter 7.00 for the sensor reading and press *Calibrate* to accept.
- Step 3.** Rinse and dry the sensor and then place it in either 4 or 10 buffer, allow time for the sensor to stabilize, press *Calibrate*, enter the pH value and press *Calibrate* to accept.

Additional Information

For complete documentation view the WQ-pH manual within the program.