

WQSensor Temperature Quick Start Guide

This guide will help you get started. Detailed instructions are available in the WQ-TEMP manual.

Overview

The WQ-TEMP 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.



The WQ-TEMP includes memory for storing the GLP (Good Laboratory Practices) file and a unique ID. The sensor has a reproducibility of $\pm 0.2\%$ within a temperature range of 0 to 50°C and has a 30 second full range swing time.

What's Included

- WQSensors Software & Science Library CD
- Temperature sensor



Figure 1: Click the **Sensors** tab to view live data; the connected sensor's serial number and time of last logged reading are displayed at the bottom of the screen

Getting Started

1. Insert the WQSensors CD into the computer CD-ROM drive and follow the installation wizard.
2. Connect the WQ-TEMP Sensor to a USB port on the computer and follow the Windows Driver Installation wizard.
3. Run WQSensors software and temperature readings will be displayed on the **Sensors** tab.



Figure 1: WQSensors secured in a WQ-A sensor arm

Using the Sensor

The **Sensors** tab displays real-time temperature readings. Data is updated once per second.

Calibrate and **Log** functions are available by clicking the appropriate button on the left in the WQSensor application window.

Log intervals can be changed from the **Settings** tab. Data reports and Good Laboratory Practices files can be displayed from the **View** tab.

Calibration

No calibration required.

For more information see the online manuals
www.nexsens.com/knowledgebase/manual.htm