WQSensor Dissolved Oxygen Quick Start Guide

This guide will help you get started. Detailed instructions and reference information are available on the Knowledge 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 gets its power from the USB port, and data is displayed directly on the computer monitor.

Each sensor includes a unique ID, which is used to identify the sensor connected to the computer. It also includes non-volatile memory for storing the factory calibration, several recent user calibrations, and a GLP (Good Laboratory Practices) file. WQSensors Software maintains a history of all sensors.

What's Included…

- WQ-DO: Dissolved oxygen & temperature sensor with 6 feet of cable and integral USB connector
- WQ-BOT: WQSensor storage bottle
- WQSensor Software & Knowledge Library CD
- WQSensor Quick Start Guide

Getting Started…

Before connecting the sensor to the computer, first install the software. Every WQSensor ships with WQSensor Software, unless you purchased the popular PRO Software.

Step 1. Insert the CD into the computer CD drive. The setup process starts automatically. If not, you can start it manually by double-clicking the setup icon found in My Computer on the CD drive.

Step 2. Connect the WQ-DO Sensor to a USB port on the computer. The Windows Driver Installation will be displayed. Follow its instructions. For assistance see Appendix E of the manual.

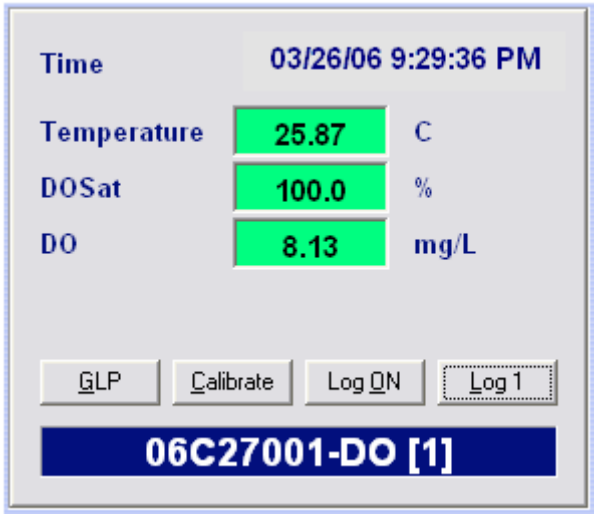
Step 3. Click "Add Device" in the Instrument Menu. The sensor will automatically be detected and added to the list of available sensors on the Navigation Panel (left pane of software window).

Step 4. Dissolved oxygen readings will be displayed on the device interface.

Device Interface Display…

Data is displayed on the device interface display along with date and time. View the GLP file, calibrate the sensor, turn on/off data logging, or log one sample by clicking on the function buttons.

In addition to the device interface display, data can be viewed in table, statistical, or graph format by selecting the appropriate tab near the top of the main display.



The sample and log interval is controlled in the menu bar at the bottom of the Navigation Panel (bottom of left pane of software window).

Calibration…

The software supports a 1-point calibration in either % saturation or concentration (mg/L). An air calibration in % saturation is recommended.

Step 1. Place the sensor in the storage bottle with a water saturated sponge. The bottle cap should be loose to allow pressure equalization. Allow 30 to 60 seconds for the readings to stabilize.

Step 2. Press the Calibrate button and enter the local barometric pressure, and press Calibrate again.

Additional features…

Comprehensive reports, graphical basemaps, export to Microsoft Excel and Adobe PDF, data import, data replication in CSV and ODBC, and website data posting are included with WQSensors PRO Software. Download an evaluation copy at www.NexSens.com.

NEXSENS technology

Address 1328 Parkway Court
Beavercreek, Ohio 45432
Phone 937-426-2703
Web www.nexsens.com