

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

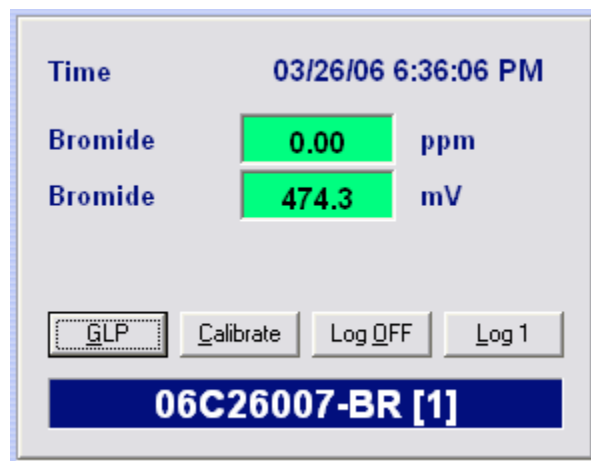
Getting Started...

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-BR 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.** Bromide 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 (see below).



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 2-point calibration. Prepare 2 standard solutions that differ in concentration by a factor of 10, and bracket the expected sample range.

- Step 1.** Place the sensor in the first prepared standard, and allow 30 to 60 seconds for the readings to stabilize.
- Step 2.** Press the Calibrate button. Enter the value of the standard and press Calibrate again.
- Step 3.** Place the sensor in the second standard, allow time for the sensor to stabilize, and press Calibrate.

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.



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