Getting started with
HYDROGEN SULFIDE SENSORS - SULF

1. Unpacking

- Remove the grey shock-absorbing plastic net and inspect the sensor visually. Leave the sensor in the protection tube for testing.

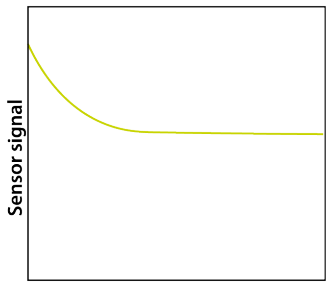
2. Connect the sensor to the amplifier

- The amplifier is automatically set up correctly when used with these instruments: UniAmp series and Unisense in situ amplifiers.
- For other amplifiers, set the polarization manually to +200 mV.

NOTE! Incorrect polarization may destroy the sensor

3. Wait for the sensor to stabilize

- The signal will be very high right after the sensor is connected and will decrease over time.
- The period of decreasing signal will normally be at least 2 hours.
- Once the signal is stable, calibration can be performed.

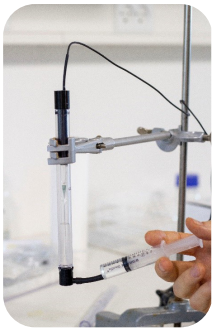


A typical decrease in sensor signal over time for a sensor that has just been plugged in.

4. Calibrate the sensor

- Place the sensor in sulfide free water to obtain the zero calibration point.
- Prepare the sulfide solution according to the H_2S calibration kit manual and inject the solution into the calibration cap.
- For alternative calibration method, see the H_2S Microsensor User Manual.

SULF-Sensor



Injecting calibration liquid into protection tube using the calibration cap.

5. Approve the sensor

- Compare the calibration points to Unisense Standard specifications (incl. in sensor box). If necessary, see Troubleshooting in the H_2S Microsensor manual or contact support (see below).

6. Storage

- When not in use, store the sensor with the protection tube mounted at room temperature. If the sensor is used regularly, keep it polarized and connected to the amplifier.

Useful tools

For support go to www.unisense.com/support/ or contact sales@unisense.com

Get the full manuals for all sensors, equipment & software at www.unisense.com/manuals/.

H_2S Microsensor Manual

Calkit-H2S Manual

SensorTrace Suite Manual

Find SDS for Calibration Kit here

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