

GETTING STARTED WITH HYDROGEN SULFIDE SENSORS - H₂S

1. UNPACKING

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

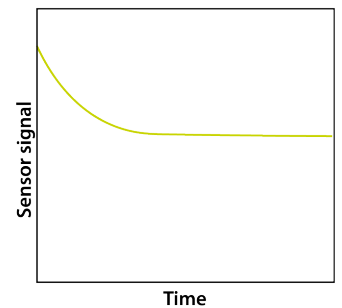
2. CONNECT THE SENSOR TO THE AMPLIFIER

- 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 +85 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 H₂S calibration kit manual and inject the solution into the calibration cap.
- For alternative calibration method, see the H₂S Microsensor manual.

5. APPROVE THE SENSOR

- Compare the calibration points to Unisense Standard specifications (incl. in sensor box). If necessary, see Troubleshooting in the H₂S Microsensor manual or contact support (see below).

6. STORAGE

- When not in use, store the sensor with the protection tube mounted at 5-35°C. Store the sensor in low light or darkness.



H₂S Sensor



Injecting calibration liquid into protection tube using the calibration cap.

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/.



H₂S Microsensor
Manual



Calkit-H₂S
Manual



SensorTrace Suite
Manual



Find SDS for
Calibration Kit here