



**The NEW GS1440  
and GS2440EX**  
Hydrogen Sulfide  
Sensors



## Water or air, measure H<sub>2</sub>S where it matters – right at the source.

Meet your collection system and treatment plant needs with the new GS1440 and GS2440EX hydrogen sulfide sensors from Hach®. Whether in water or air, you will have the direct H<sub>2</sub>S measurement you need to optimise your H<sub>2</sub>S treatment process and proactively control H<sub>2</sub>S before it causes issues. Data and trends can easily be accessed via wireless or hard-wired connections, so that you will gain actionable insights into H<sub>2</sub>S levels, protect valuable assets from corrosion, and avoid public nuisance from odour.

### How the GS family of H<sub>2</sub>S sensors can help your team

**Do you know if your assets are protected from hydrogen sulfide (H<sub>2</sub>S) damage?**

Undetected corrosion from H<sub>2</sub>S can lead to structural collapse and damage to adjacent structures. The GS family of hydrogen sulfide sensors can provide an indication of potential deterioration and the need for periodic inspections by continuous monitoring of H<sub>2</sub>S in water or air.

**Would you feel peace of mind if H<sub>2</sub>S control helped minimise odour complaints?**

Hydrogen sulfide (H<sub>2</sub>S) has long been recognised as a major problem for wastewater treatment plants and collection systems. This gas, known for its rotten egg smell, is a nuisance to the public and often results in odour complaints. The GS family of hydrogen sulfide sensors can measure H<sub>2</sub>S in water or air, helping water utilities neutralise odours and take proactive control of H<sub>2</sub>S before it causes a public relations nightmare near treatment plants and collection systems.



**Field Transmitter and cabling**

**Is your H<sub>2</sub>S mitigation strategy optimised? Could you save costs in chemical dosing with more accurate data and actionable insights?**

The GS family of hydrogen sulfide sensors provide accurate, reliable H<sub>2</sub>S measurements in water or air. You will gain actionable H<sub>2</sub>S insights that can be leveraged to adjust chemical dosing and optimise your H<sub>2</sub>S mitigation strategies.

**Do you worry that this measurement data is not available through your existing systems?**

The GS family of hydrogen sulfide sensors can be connected to a smart controller that enables versatility in power and communications, providing the option to install sensors in locations where only battery power and cellular data transmission are available. H<sub>2</sub>S data and trends can easily be accessed via wireless or hard-wired connections, with wireless option providing the ability to quickly view H<sub>2</sub>S trends and download data from selected windows of time.

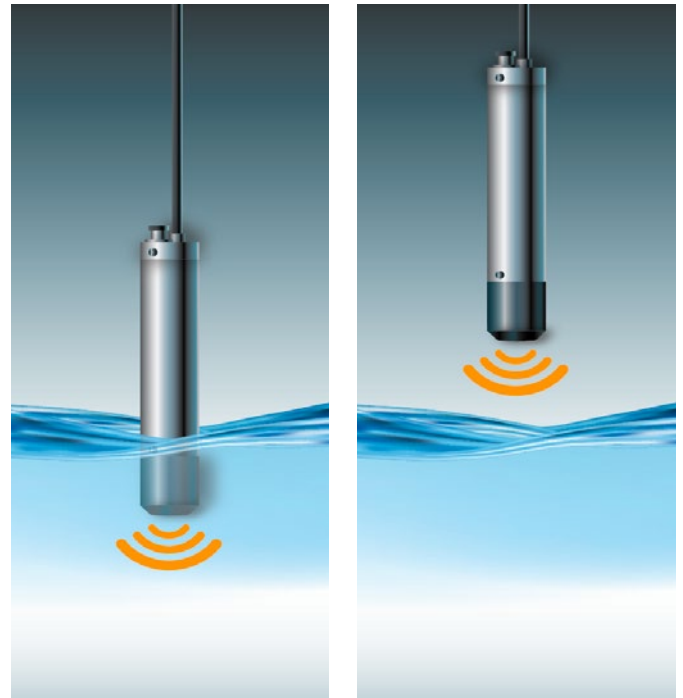
**Key benefits of the GS family of H<sub>2</sub>S sensors**

**Designed for tough applications in water or air**

With stationary and portable options, measure H<sub>2</sub>S anywhere with this robust, fouling-resistant sensor – whether at the plant or sewers!

**Actionable H<sub>2</sub>S measurements helps you to stay ahead of your process**

Early detection makes it easier than ever before to protect infrastructure, anticipate odour, and minimise buildup.



Measure H<sub>2</sub>S in water or air with this robust, fouling-resistant sensor – whether at the plant or in the sewers.

**Reliable H<sub>2</sub>S data ready for you when you need it, how you need it**

Actionable data and trends from this sensor can be accessed by wireless or hard-wired connections. Using the cloud based Hach WebData solution, users will have access to accurate measurements in water or air with ease.

**Continuous H<sub>2</sub>S monitoring made simple**

This corrosion-resistant stainless-steel instrument can be inserted in pipes, installed in a flow cell or immersed directly in the flow where measurement is needed. Cleaning is as simple as wiping the sensor head before each calibration, and calibration only takes five minutes.

**For more information, contact us at:** [www.hach.com/contact](http://www.hach.com/contact)

