



The NEW GS1440
and GS2440EX
Hydrogen Sulfide
Sensors



Water or air, measure H₂S 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 H₂S measurement you need to optimize your H₂S treatment process and proactively control H₂S 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 H₂S levels, protect valuable assets from corrosion, and avoid public nuisance from odor.

How the GS family of H₂S sensors can help your team

Do you know if your assets are protected from hydrogen sulfide (H₂S) damage?

Undetected corrosion from H₂S 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 H₂S in water or air.

Would you feel peace of mind if H₂S control helped minimize odor complaints?

Hydrogen sulfide (H₂S) has long been recognized 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 odor complaints. The GS family of hydrogen sulfide sensors can measure H₂S in water or air, helping water utilities neutralize odors and take proactive control of H₂S before it causes a public relations nightmare near treatment plants and collection systems.



Field Transmitter and cabling

Is your H₂S mitigation strategy optimized? Could you save costs in chemical dosing with more accurate data and actionable insights?

The GS family of hydrogen sulfide sensors provide accurate, reliable H₂S measurements in water or air. You will gain actionable H₂S insights that can be leveraged to adjust chemical dosing and optimize your H₂S 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. H₂S data and trends can easily be accessed via wireless or hard-wired connections, with wireless option providing the ability to quickly view H₂S trends and download data from selected windows of time.

Key benefits of the GS family of H₂S sensors

Designed for tough applications in water or air

With stationary and portable options, measure H₂S anywhere with this robust, fouling-resistant sensor – whether at the plant or sewers!

Actionable H₂S measurements helps you to stay ahead of your process

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

Reliable H₂S 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 H₂S 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. Calibration only takes five minutes, and the simplicity of its design makes cleaning as simple as wiping the sensor head every six months.

For more information, contact us at: www.hach.com/contact



Measure H₂S in water or air with this robust, fouling-resistant sensor – whether at the plant or in the sewers.



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