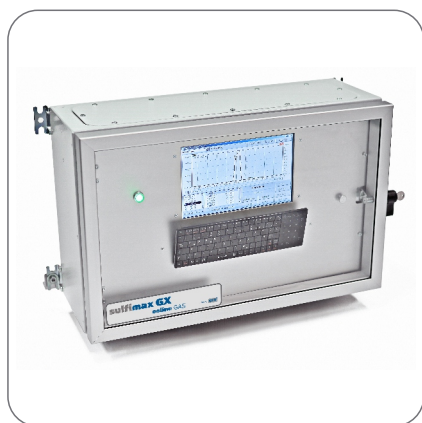


H₂S/sulphide determination

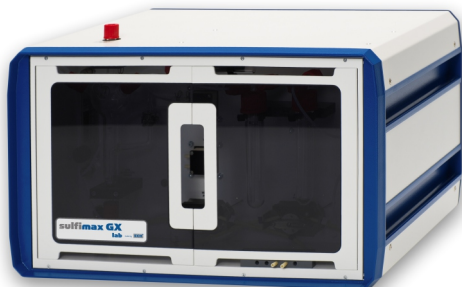
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Content of hydrogen sulphide/sulphide
in liquids, solids and gases



sulfiMax GX

sulfimax GX lab



H₂S in liquids and gases

Features

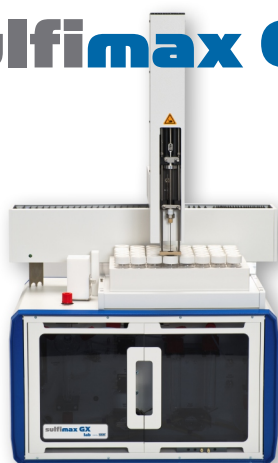
Sulphide determination by gas extraction according to DIN 38405-27
No sample pre-treatment
Also available as mobile compact version with low space requirement

Applications

Water, drinking water, surface water
Municipal waste water
Industrial wastewater
Landfill leachate monitoring
Gas analysis (e. g. LPG, LNG)

Investigations of technical and pharmaceutical products (e. g. storage stability)
Quality management

sulfimax GX lab



Automatic H₂S determination

Features

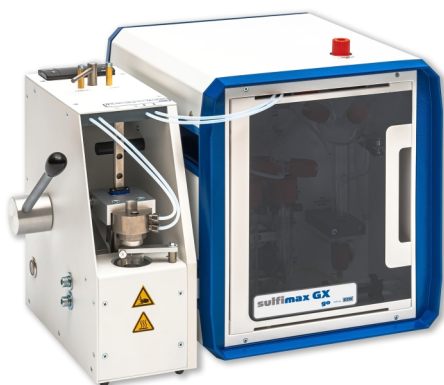
Sulphide determination by gas extraction according to DIN 38405-27
No sample pre-treatment
Autosampler for liquid samples

Applications

Water, drinking water, surface water
Municipal waste water
Industrial wastewater
Landfill leachate monitoring

Investigations of technical and pharmaceutical products (e. g. storage stability)
Quality management

H₂S Headspace Module



H₂S in solid and liquid samples

Features

Extension module for ECH H₂S analysers
Measurement of untreated samples in sealed headspace vial
Bakeout temperatures up to 180 °C

Applications

Elemental sulphur
Sludge
Waste water with sludge particles

Pasty samples
Bitumen
Waste

sulfixmax GX online GAS



Online H₂S measurement in gases

Features

Continuous quantitative H₂S gas determination (measuring time < 5 min)
Sample aspiration (from up to 100 m) and rinsing steps automatic
With signal output for control systems

Applications

As a basis for H₂S-adapted controls (e. g.
pump sump, gravity lines, collection tanks)
Biogas processes, fermentations
Wastewater analysis
Landfill leachate monitoring

Areas:

Municipal wastewater associations
Industrial sectors
Biogas plants
Petroleum processing

sulfixmax GX online WATER



Online sulphide determination

Features

Detection of the true H₂S content directly in the liquid phase and thus independent of weather conditions (even in strongly alkaline samples)
Signal output for control systems as a basis for H₂S-adapted wastewater treatment

Applications

Online measurement of the current sulphide concentration
Environmental analysis, e. g.
- Wastewater analysis for control systems (pump sump, gravity or pressurised water pipeline)
- Landfill leachate monitoring
- Industrial wastewater treatment plants, municipal wastewater treatment plants

sulfixmax GX online WATER ATEX-compliant



ATEX-compliant analysis system

Features

Detection of the true H₂S content directly in the liquid phase
For use in explosive environments
Signal output for control systems as basis for H₂S-adapted wastewater treatment

Applications

Online measurement of the current sulphide concentration
Environmental analysis, e. g.
- Wastewater analysis for control systems (pump sump, gravity or pressurised water pipeline)
- Landfill leachate monitoring
- Industrial wastewater treatment plants, municipal wastewater treatment plants

H₂S/sulphide determination

made by **ECHⁱ**

Standard-compliant and simple operation
without sample pre-treatment

H₂S determination according to DIN 38405-27

High sample throughput

Low reagent consumption - less chemical waste

Robust and accurate below the odour threshold

As a basis for H₂S-adapted wastewater treatment

For laboratory, on-site measurements and online use

No blank values - accuracy even in the ppm range

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