

# MeasureStar



Portable measurement instrument for capture and transmission of H<sub>2</sub>S concentration in air, to be used in:

- Sewer systems
- Industries
- Public water and sewage systems

Standard range sensor of 0 - 500 ppm or 0 - 1000 ppm H<sub>2</sub>S, can be recalibrated for any ppm range lowest 0 - 5 ppm; highest 0 - 1,000 ppm.

## PRODUCT CHARACTERISTICS

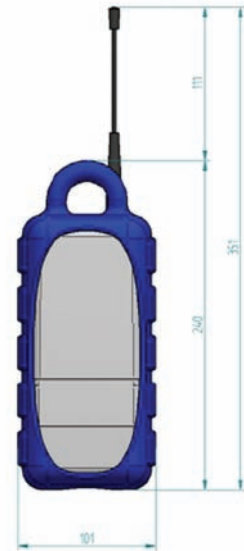
- ATEX- certified for Zone I
- Automatic reconfiguration up on exchange of instruments
- Measurement site may be managed from anywhere in the world via internet
- Data storage in the instrument of 440,000 measurements
- Measurement and transmission interval adjustable
- Extraordinary battery lifetime of up to 5 years MicroPower® technology
- Compact dimensions
- Rugged IP67 casing with high resistance against chemicals
- Ultra low costs for start-up and operation



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### TECHNICAL DATA

■ Range	H <sub>2</sub> S 0 – 500ppm or 0 – 1,000ppm; 0.1 – 0.25ppm resolution; 2% repeat accuracy
■ Range temperature	-10°C – 40°C
■ Ambient temperature	-10°C – 40°C
■ Storage and transportation temperature	-20°C – 70°C
■ Relative humidity	15% – 90% r.H
■ Ambient pressure	Barometric pressure +/-10%
■ Electromagnetic compatibility	EN61326 Class B
■ Safety requirements	EN61010-1
■ Lifecycle of H <sub>2</sub> S sensor	24 month in air
■ Protection class	Sensor IP66, case IP67
■ ATEX	II2 G EEx ib IIB T4
■ Power supply	Battery pack BP417A
■ Measurement storage	440,000 measurements
■ Dimensions	H 230mm, W/D 90mm
■ Transmission	GPRS Quad-band
■ Indication	LED for instrument status



### ACCESSORIES

Mounting rack, Anti-theft device, Antenna extension 5m, Battery pack L, Battery pack M, Battery pack S, Rechargeable battery, Charger, USB-cable, Magnetic key fob.



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