



GAS DETECTOR GHS-8AT-EX

PART.NO. H₂S-520E-524E

H₂S SEWER DATA LOGGER

GENERAL DESCRIPTION

- Continuous H₂S monitoring and logging
- 0-3000 ppm H₂S
- Large LCD display
- >30 days log capacity
- Small & light weight
- Replaceable housing
- IP66/67 floatable Housing
- ATEX / IECEx

GASTEC H₂S continuous sewer monitoring is simple, convenient and reliable.

H₂S gases can cause considerable damage to sewer systems (corrosion of the sewerage pipelines), causes an offensive odour and is harmful to health. The GHS-8AT EC data logger is designed to monitor all of this.

The large display screen shows concentration, temperature, and remaining battery capacity. The product also has a function that notifies you when the sensor must be calibrated.

The use of a power supply and a recording switch enables energy to be conserved and to freely select the start and end points of recording.

Additional highlights of this product are:

- Small and light weight.
- You can easily remove the outer case to replace it.
- The water resistance and corrosion resistance (IP66/67)
- Floats on water.
- Even when logging is performed for one minute, up to one month's worth of concentration and temperature data can be recorded.

APPLICATIONS:

- + Monitoring of sewers
- + Agricultural application (manure processing, etc.)
- + Sewage treatment
- + Oil & Gas Applications

WE OFFER MORE THAN A PRODUCT!

- + Tailored advice
- + Project advice
- + Technical support
- + Training and education
- + Commissioning
- + Onsite service / maintenance / calibration

ORDERING INFORMATION

VERSIE		
VERSION	PART NO.	DESCRIPTION
GHS-8AT-EX	1398036	Hydrogen Sulphide (H ₂ S) Data Logger kit, H ₂ S sensor 0 - 10 ppm
	1398037	Hydrogen Sulphide (H ₂ S) Data Logger kit, H ₂ S sensor 0 - 100 ppm
	1398035	Hydrogen Sulphide (H ₂ S) Data Logger kit, H ₂ S sensor 0 - 500 ppm
	1398038	Hydrogen Sulphide (H ₂ S) Data Logger kit, H ₂ S sensor 0 - 1000 ppm
	1398039	Hydrogen Sulphide (H ₂ S) Data Logger kit, H ₂ S sensor 0 - 3000 ppm

OPTIES		
VERSION	PART NO.	DESCRIPTION
all	1398043	External casing
all	1398039	Bottom casing



SPECIFICATIONS

PRODUCT	GHS-8AT EX H2S SEWER DATA LOGGER
Gas type	Hydrogen Sulphide (H ₂ S)
Measurement principle	Controlled-potential electrolysis sensors
Sampling method	Diffusion
Indicating Accuracy	F.S. +/- 5% (Conditions: Indication accuracy)
Measurement range	0-10,0 / 0-100 / 0-500 / 0-1000 / 0-3000 ppm (depending on model)
Display	LCD Display indicating: Concentration, temperature, time, remaining number of recording days, remaining battery capacity
Operating temperature	0 to +40 °C
Relative humidity	30-95 % (non-condensing)
Power supply	Two (2) size AA alkaline batteries Only the following types may be used: LR6 (Panasonic) or MN1500 (DURACELL)
Battery life	~3 months (at >20°C, Logging interval 5 minutes and Pilot lamp out)
Backup battery	Lithium battery, 5 years life time
Data Login	45.960 sets / 31 days with a 1 minute interval
Sampling intervals	1, 5, 10, 15, 30, and 60 min
Interface	USB 2.0
Dimensions	89 x 148 mm (ØxH)
Weight	390 grams
EU Directive	2014/34/EU(ATEX) , 2014/30/EU(EMC) ,2011/65/EU (RoHS)
Approvals	ATEX II 2G Ex ia II BT3 Gb IECEX Ex ia II BT3 Gb

