

Gas measuring technology

GOLIATH - W

Gas warning device for work place monitoring and bar hole testing



INSYNRID

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- With the time-tested ESDERS operation concept



Technical data	
Display	LCD graphic display 128 x 64 pixels, illuminable
Power supply	NiMH rechargeable battery pack
Operating temperature	-10°C to +40°C
Operating time (without backlight)	> 9 hours
Charging	Charging cradle supplied by 12 V or 230 V, Charging time approx. 5 hours USB connection (for 500 mA), charging time approx. 8 hours
Data store	4 Mbyte Flash memory (for more than 1 mio. measurement values)
Protection category	IP 54
Dimensions	200 x 100 x 87 mm
Weight	Approx. 1,200 g
Explosion protection ATEX	BVS 09 ATEX E 079 X - II 2G ib d IIB T3/T4 Gb

Application		Measurement range	Operating principle
Confined space entry		0 to 100 % UEG CH ₄	Infrared (IR)
		0 to 5 Vol.-% CO ₂	Infrared (IR)
	optional	0 to 25 Vol.-% O ₂	Electrochemical (EC)
	optional	0 to 100 ppm H ₂ S	Electrochemical (EC)
	optional	0 to 500 ppm CO	Electrochemical (EC)
Pressure measurements	optional	0,0 to 2.000 hPa	Piezoresistive (PR)

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Work place monitoring and air control in confined spaces are permanent part of work processes in the fields of gas and water supply and waste water treatment. **GOLIATH** is ready for operation within a short break-in phase and ensures clear and rapid results. The robust and shockproof device is easy to handle. All measuring data are indicated on the clear and illuminable display.

Leak tightness test according to EN 1610

GOLIATH optionally can be equipped with a high-precision pressure sensor. That allows usage for leak tightness tests according to EN 1610. More than 1 million measuring values can be stored. Protocols are available immediately on-site or via PC readout.

Vantages:

- Very quick initial break-in phase and extremely short reaction time when measuring CH₄ and CO₂
- Oxygen sensor and up to three toxic gas sensors are available as an option.
- Optional pressure measuring up to 2.000 hPa.

Documentation of measurements:

- Protocol printout on a thermal printer via IR interface.
- Data readout to PC directly via charging tray.
- Network-capable PC software with comprehensive functions for advanced measurement description and storage in a database.
- Output of reports in PDF and HTML format.



Accessories GOLIATH



Item no. 265191
Thermal printer



Item no. 372011
5-components Test gas can



Item no. 212013
Pressure adapter



Item no. 232080
Floating probe



Item no. 202042
Case GOLIATH



Item no. 202002
230 V power supply unit



Item no. 202021
Test and charging cradle



Item no. 271131
Flexible probe V3

Subject to technical modifications! Status 05/2017

