

# GFM 406

## Biogas Analyzer

The GFM 406 is an ATEX-certified biogas analyzer for fast and accurate gas and pressure measurements. This portable analyzer simultaneously measures CO<sub>2</sub> and CH<sub>4</sub> in infrared, as well as O<sub>2</sub>, CO, H<sub>2</sub> and H<sub>2</sub>S in electrochemical.

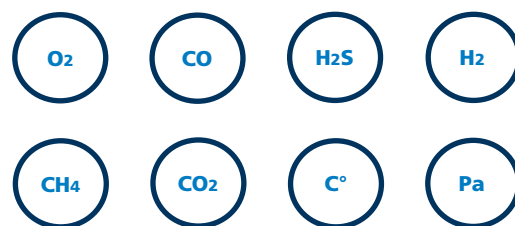
- ✓ **Rental from one day**
- ✓ **Technical assistance included**
- ✓ **ATEX EEx ib IIB T1 certified**

### GAS TECHNICAL SPECIFICATIONS

GAS	SENSOR	RANGE	RESOLUTION	PRECISION
CH <sub>4</sub>	IR	0 ... 100 %	0.1%	± 3.0 %
CO <sub>2</sub>	IR	0 ... 100 %	0.1%	± 3.0 %
O <sub>2</sub>	ECD	0 ... 25 %	0.1%	± 0.2 %
CO	ECD	0 ... 2000 ppm	10 ppm	± 20 ppm
H <sub>2</sub> S	ECD	0 ... 2000 ppm	10 ppm	± 100 ppm
H <sub>2</sub>	ECD	0 ... 1000 ppm	10 ppm	± 50 ppm
DIFFERENTIAL PRESSURE		± 30 mBar	0.01 mBar	± 0.5 mBar
TEMPERATURE		-10 ... 100°C	0.5°C	± 0.2°C

### TECHNICAL SPECIFICATIONS

FLOW	0,3 l/min
OPERATING T°	-10°C to 40°C
BATTERY	8 to 12 hours of autonomy
MEASUREMENTS STORAGE	Downloadable by USB
PROTECTION IP	IP65
DIMENSIONS	200 x 100 x 60 mm
WEIGHT	2 kg



Electrochemical (ECD)

Infrared (NDIR)

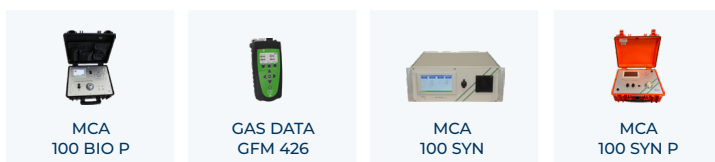
## KEY POINTS

- Simultaneous measurement of CH<sub>4</sub>, CO<sub>2</sub>, O<sub>2</sub>, CO, H<sub>2</sub> & H<sub>2</sub>S
- Temperature and differential pressure measurement
- Up to 12 hours autonomy

## APPLICATIONS

- Soil gas measurement
- Monitoring of landfills and waste treatment sites
- Biogas quality control
- Methanisation and fermentation sites
- Measurement of methane in ambient air
- Industries

## Similar products available at CleanAir:



## For more information

www.cleanaireurope.com  
 cleanair.europe@cleanair.com  
 +33 4 91 87 82 10