

# GMS 4000



 **SCHÜTZ**  
MESSTECHNIK

# Devices

## GMS 4000

1ppm to 100 Vol.% CH<sub>4</sub>, C<sub>2</sub>H<sub>6</sub>

The innovative “GMS 4000” device has been equipped with the most up-to-date connectivity and can carry out the network operator’s entire range of measurement and monitoring tasks.

Localizing measuring data is also possible with this trend-setting Product. The GMS 4000 is equally suitable for above-ground gas pipe network checking, measurement of gas and ground gas, gas analysis or room air Monitoring. With its infrared measuring technology this measurement instrument can accurately identify natural gas without cross-sensitivity.

### The GMS 4000 has the following capabilities:

- Large LCD display with automatic lighting
- Infrared measurement technology for CH<sub>4</sub>
- Gas analysis in the differentiation of ethane and propane from a few ppm
- Electrochemical measurement technology for O<sub>2</sub>, CO, H<sub>2</sub>S (optional)
- Integrated GPS receiver with data storage
- Integrated Bluetooth interface
- Free PC software for file transfer



### Sensors

Semiconductor sensor	ppm CH <sub>4</sub>
Infrared sensor	Vol.% CH <sub>4</sub>
Gas chromatography	Determination of the gas composition

### Technical data:

Display	LCD, backlit
Alarm	acoustical, optical
Measured data memory	40 measurements
Measuring range	1 ppm - 2,2 Vol.% CH <sub>4</sub> 0 - 100 Vol.% CH <sub>4</sub> 0 - 100 Vol.% CO <sub>2</sub> 0 - 25 Vol.% O <sub>2</sub> 0 - 500 ppm CO 0 - 100 ppm H <sub>2</sub> S
Gases	Methane, Natural gas, Ethan
Calibration	Methane
Operating temperature	-20°C to 40°C
EX protection	<b>II 2G EEx ib d IIB T3</b> suitable for Ex Zone 1, 2 rechargeable batteries, 3x 1,2V Monocells (included in delivery)
Power supply	<12 hours
Operating Time	1400g
Weight	250 x 65 x 120mm
Dimensions	Aluminum, powder coated
Casing	RS232 series, Bluetooth, GPS
Interface	GMS 4000, 230V charger, 100 Anti-dust filters, Carrying Case, Operating Instructions, Certificate
Scope of delivery	