

Gas detection and gas measurement instrument GM 5



GM 5

The GM 5 is a multifunction instrument for gas tracking, localising damage points and measuring gas concentration

- Easy to use menu navigation
- CO₂ and CH₄ measurement
- range between 1 ppm and 100 Vol. %
- Robust aluminium casing
- In accordance with DVGW guideline G465

GM 5 Gas detection and gas measurement instrument

Schütz's "GM 5 gas detection and gas measuring instrument" is an instrument concept which can be used to carry out all pipe network survey tasks precisely and reliably.

The GM 5 combines measurement technology with great ease of use and is thus the ideal tool for all concentration measurement in public gas pipeline networks.

Due to its wide measurement range between 1ppm and 100 Vol. %, the GM 5 is perfect for:

- gas detection
- leak detection on pipelines
- monitoring explosion limits
- gas leak location
- inspections and inerting
- tracer gas technology

The GM 5 offers consistently high accuracy of results, reliable measurements and stability over long periods, even when changing between tasks.

The GM 5 offers you a wide range of convincing advantages for your day-to-day work checking the gaspipe network:

- graphical menu operation
- overview of flow quantities
- robust aluminium casing
- multi-function usage
- measurement of CH₄ and H₂
- clear measurement results
- easy maintenance

The name Schütz has been synonymous with innovative gas measurement and detection technology for almost forty years.

Schütz guarantees quality and reliability as product development, production and quality assurance are carried out in-house.

Schütz Messtechnik holds ISO 9001:2000 quality management certification, ATEX approval and the German Association of Gas and Water Professions G 468-1 certificate.



Technical Information:

Display:	Graphic LCD display with automatic illumination 160 x 80 pixels, 67 x 34 mm
Alarm:	audible and visible alarm
Pump:	Membrane-pump, adjustable flow rate
Sensor type:	Semiconductor sensor Thermal tone sensor Thermal conduction sensor Infrared CO ₂
Sensitivity:	1ppm
Measuring range:	0 - 100 % CH ₄ 0 - 100 % UEG 0 - 100 Vol.% CO ₂ (optional)
Gas type:	Methane, propane, hydrogen, carbon dioxide
Temp. range:	-20 °C - +40 °C
Explosion protection:	EEX ib d IIB T3 Category II2G Certified for Ex zone 1
Protection class:	IP 54
Power supply:	3 x 1.5 V Mono non-rechargeable or 3 x 1.2 V Mono rechargeable batteries
Operating time:	Typically 15 hours
Dimensions:	215 x 100 x 60 mm
Weight:	1.8 kg
Scope of delivery:	GM 5, carry case, user guide, 230 V charger, telescopic probe Subject to technical modifications



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