

Devices

GM 5 Complete set, SC-TT-CT-IR

1ppm to 100 Vol.% CH₄, 100 % CO₂

Item number: G01.810

The "GM 5" always offers the highest accuracy results, even with changing tasks. It is due to the fact, that it can be adjusted for different measuring tasks as well as changed measuring environments.

The device monitors the aspirated volume flow and can adapt to the changed measuring environment. It can preset, monitor and readjust the volume flow, too.

For commissioning, simply select a task in the main menu, e.g. gas detection, and the measuring instrument then automatically sets the sensor selection, measuring range, pump output and alarm message according to a defined programme.

Maximum ease of maintenance and maximum availability are offered to the user by the fact that the "intelligent" measuring sensors can be quickly replaced if necessary without configuration problems.

The symbolism corresponds to the DVGW G465 supplement.



Sensors

Semiconductor sensor	1ppm - 2,2 Vol.% CH4
Catalytic bead sensors	0 - 100 Vol.% UEG
Thermal conductivity sensor	0 - 100 Vol.% CH4
Infrared sensor	0 - 100 Vol.% CO2

Technical data:

Display	LCD, backlit
Alarm	acoustical, optical
Measured data memory	40 Measurements
Measuring range	1ppm - 100 Vol.% CH4
Gases	Methane, Propan, Carbon dioxide, Hydrogen
Calibration	Methane
Operating Temperature	-20°C to 40°C
EX protection	II 2G EEx ib d IIB T3 suitable for Ex Zone 1, 2
Power supply	batteries, 3x 1,5V monocells or rechargeable batteries, 3x 1,2V Monocells (included in delivery)
Operating Time	with batteries, typically 12 hours
Weight	1700g
Dimensions	215 x 100 x 60mm
Casing	Aluminum, powder coated
Interface	serial, RS232, Bluetooth Option

Scope of delivery:

GM 5, telescope hand probe, carrying strap,
230V charger, carrying strap
equipment case, 100 pcs. Anti-dust filter,
instruction manual, Certificate