

Devices

GM 3100 Complete set SC-IR

1ppm to 100 Vol.% CH₄

Item number: G01.870

Especially the infrared measurement technique offers a maximum of robustness and reliability. In addition, the selectivity of the systems is greatly improved compared to thermal conduction.

The GM 3100 always offers the highest result accuracy, even by changing tasks. It is due to the fact, that it can be readjusted 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. In addition to reliable measurement results, this also ensures optimum stability and consistent response times.

The symbolism corresponds to the DVGW G465 supplement.



Sensors

Semiconductor sensor ppm CH4
Infrared sensor Vol.% CH4

Technical data:

Display LCD, illuminated
Alarm acoustical, optical
Measured data memory 40 Measurements
Measuring range 1 ppm - 2,2 Vol.% CH4
0 - 100 Vol.% CH4
Gases Methane, Natural gas
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 Battery, 3x 1,5V Monocells or
Akku, 3x 1,2V Monocells (included in delivery)
Operating Time With Batteries, typically 12 hours
Weight 1700g
Dimensions 215 x 60 x 100mm
Casing Aluminum, powder coated
Interface serial, RS232
Bluetooth, Option
Scope of delivery: GM 3100, telescope hand probe, carrying strap,
230V charger, carrying strap, equipment case,
100 pcs. Anti-dust filter, operation manual, certificate

Hydrogen is not measured by the IR sensor.