GASCHECK G

GAS LEAK DETECTOR

RAPID, ACCURATE DETECTION OF LOW LEVEL LEAKS.

ionscience-usa.com

Unrivaled Gas Detection.

ION

GASCHECK G RAPIDLY AND ACCURATELY DETECTS ALMOST ANY GAS OR GAS MIXTURE DOWN TO HIGHLY SENSITIVE LEVELS.

Best available leak detection

- Fast, accurate leak detection at highly sensitive levels
- Detects almost any known gas or gas mixture
- Particularly sensitive to ammonia, argon, butane, helium, hydrogen and SF6
- Reliable, stable, repeatable readings

Ease of use

- Simple, one handed operation
- Large, clear LCD back lit display for easy viewing
- Graphical icon menu
- Conveniently calibrated against helium

Flexibility

- Choice of readings in cc/sec, g/yr, mg/m^3
- Easily upgradeable throughout the range

Low cost operation

- Inexpensive consumables and parts
- 2 year warranty when instrument registered online

Designed for the search and location of gas leaks, GasCheck G has an advanced micro thermal conductivity sensor for fast, effective detection of almost any gas or gas mixture.

Robust and reliable, GasCheck G provides stable, repeatable readings of the detected gas. The instrument's LCD display, LED indicator and audible sounder clearly indicate the leak present.

GasCheck G automatically zeros to the ambient air around it when switched on and is ready to detect immediately. The instrument's easy to use graphical interface and intuitive keypad allows simple function, selection and adjustment.

Upgradeable throughout the range, GasCheck G is available in three distinct versions; G1, G2 and G3 with varied capabilities. Features can be easily added to upgrade the instrument without it having to be returned to the factory.

FEATURE	G1	G2	G3
Rapid detection of gas leaks	✔	✔	✔
Measure gas leaks (single gas)		✔	
Measure gas leaks (up to 20 gases)			✔
Audible sounder	✔	✔	✔
Flashing back-lit display	✔	✔	✔
Peak hold readings		✔	✔
Factory or custom calibration available		✔	✔
Data logging (store up to 10 readings)			✔
Readings displayed in cc/sec,g/yr,ppm or mg/m^3			✔
Selectable battery type			✔
Upgradeable	✔	✔	

Extend your instrument warranty

Your GasCheck G instrument warranty may be extended by simply registering your product on the ION Science website within one month of purchase. Visit www.ionscience-usa.com/instrument-registration to take advantage of this offer.

Applications include

- Industrial
- Quality Assurance
- Manufacturing
- Laboratory
- Medical
- Research

Accessories

GasCheck G is supplied with an exclusive range of accessories. Visit www.ionscience-usa.com/gascheck for more information.

Technical specifications

DETECTOR
- Micro thermal conductivity detector (MTCD)
- Sensor is poison resistant with over range protection

OPERATION
- Battery Type: 4 x alkaline AA size or NiMH (rechargeable)
- Typically 40 hours life

SENSITIVITY (CC/SEC)
- He 1 x 10^{-5}, CH4 5 x 10^{-5}, R12 5 x 10^{-5}, Ar 1 x 10^{-4}

ACCURACY
- ± 5% Displayed reading One digit

RESPONSE
- T90 = 1 second rise and clear down

SOUND
- Flashing LED and 90 dBA (at 10 cm) audible sounder

CALIBRATION
- Factory calibrated to fully documented procedures in accordance with our ISO 9001:2008 Quality Management System

DATA LOGGING
- 10 data points (available for G3 only.)

TEMPERATURE
- Operating: -20 to +60 °C, -4 to 140 °F
- Storage: -20 to +70 °C, -4 to 158 °F
- Humidity: 0 to 99% RH (non-condensing)

FLOW RATE
- 2 cc/min

WEIGHT & DIMENSIONS
- Instrument with probe: 390 x 60 x 49 mm, 15.5 x 2.3 x 1.9"
- Case: 420 x 320 x 97 mm, 16.5 x 12.5 x 3.8"
- Instrument: 0.45 kg, 1 lb, Packed 1.6 kg, 3.5 lb

GasCheck G V1.6. This publication is not intended to form the basis of a contract and specifications can change without notice.

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"We have bought several GasCheck G3 units from Ion Science and are really happy with how reliable the ppm readings are – customers find the instrument easy to use. The customer service received from Ion Science is excellent, and so is the company overall.

VP Operations, LACO Technologies