

The Gas-Tec offers outstanding performance and reliability for detecting hydrocarbon gases at very low concentration levels. Using Flame Ionisation Detection (FID) technology, the Gas-Tec is the benchmark for quick and cost-effective gas leak detection.

Gas-Tec is simple to use, easily transported to difficult to reach locations and is able to detect gas leaks in less than 2 seconds. When vehicle mounted on to the optional Trigger unit, Gas-Tec converts to a high speed survey instrument capable of operating at up to 30 km/h. With over 5,500 units sold to gas utilities worldwide, Gas-Tec has been proven to reduce leakage and shrinkage from gas distribution networks and will demonstrate a quick return on your investment.

Features

Measures:

- Hydrocarbon leaks from 1 to 10,000ppm
- Extended range to 100,000ppm with optional range extender
- Response time of less than 2 seconds
- Proven FID technology for reliability and speed

Construction:

- Robust design with shoulder strap
- Quick fasten probes and accessories
- Highly portable at 3.7kg
- Easy to reach around pipe work, flanges and other hard to reach areas
- Rechargeable batteries last for 15 hours
- Up to 60 hours usage time from single H₂ cylinder
- Optional Trigger for vehicular mounting and high speed surveying
- Complete with protective hard carry case

Alarm:

- Geiger counter style click
- Crescendo alarm, rising with concentration levels
- Optional earphones for noisy or public areas

Display:

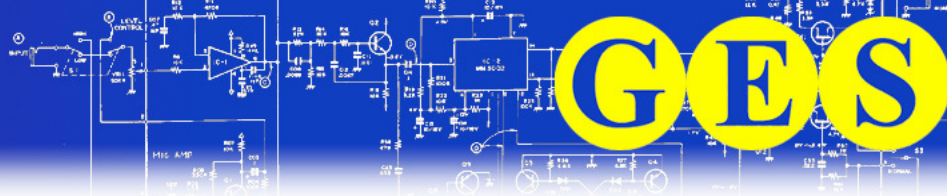
- Very quick to read analogue display with twin ranges
- Pump flow indicator for optimum sample flow
- Pressure dial for hydrogen cylinder pressure check

- Battery level indicator

Trigger Accessory:

- Enables high speed vehicles surveys (30km/h)
- Complete with boom and sample tubes
- Output for data logging
- Gas-Tec can be easily removed for increased mobility

Gas-Tec



Specification

Sensor

Sensor Type: Flame Ionisation Detection (FID) using hydrogen gas
Maximum Range: 10,000ppm (standard)
100,000ppm (with optional range extender)
Filter Type: Particle and hydrophobic
Response Time: <2 seconds
Hydrogen Cylinder Life: 60 hours
Calibration Period: Every 6 months

Display

Display Type: Analogue with user selectable ranges
Display Range: 0-1,000ppm (R1)
0-10,000ppm (R2)
Battery Display: Analogue display with low-level warning
Hydrogen Display: Pressure dial for hydrogen cylinder levels
Flow: Integrated flow meter with user control

Audible Alarm

Alarm Type: Geiger style click
Alarm frequency: 1Hz tick at 0ppm rising to 3KHz (maximum reading)
Volume: User selectable with integral loudspeaker
Flame Alarm: "Flame Out" warning with tilt switch activation

Dimensions

L x W x H: 330 x 120 x 230mm
Weight: 3.7kg (with cylinder)

Battery

Batteries: Rechargeable lead acid
Battery Life: 15 hours

Standard Accessories:

- Angled Probe
- Shoulder Strap
- Rechargeable H₂ Cylinder
- Battery Charger
- Particle and Hydrophobic Filters
- DIN Socket for Charging and Data Logger Connection

Optional Accessories:

- Trigger Survey Kit
- Earphones
- Spare H₂ Cylinder
- Range Extender (>100,000ppm)
- Different Probe Assemblies



Warranty

Duration: 12 months against faulty components or manufacture



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.