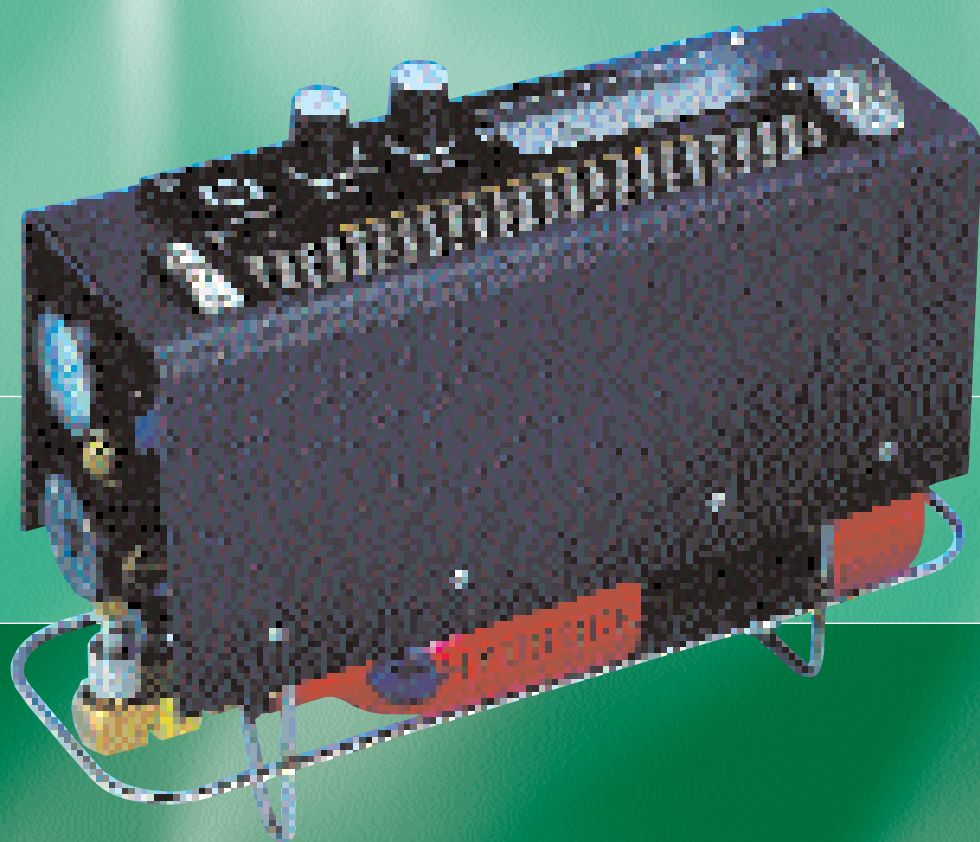


Hydrocarbon Gas Detector



Gas-Tec

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
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Registration No.
195583

**A
HALMA
GROUP
COMPANY**

P01107 Issue 1 07/04

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