



Portable Gas Detectors

Optimised for gas system purging and gas escape detection

Gaseeker

Incorporating twin hydrocarbon detection technology Gaseeker monitors hydrocarbons in inert backgrounds at % volume levels for gas pipe system purging and inert atmosphere monitoring, and has a % LEL sensor for gas escape testing. The Gaseeker's sensors provide accurate flammable gas measurement for purging and gas escape detection, while the oxygen sensor verifies a successful air purge.

Twin hydrocarbon sensor

- % Volume measurement for purging applications
- Dual range measurement
- Calibration for methane and oxygen
- No sensor burnout at high concentration
- Long sensor lifetime – reduced cost of maintenance
- % LEL sensor for gas escape work

Convenient and easy to Use



- Large simultaneous display for all readings
- Visual and audible confidence indication
- Low battery alarm
- Rugged and reliable
- I.S. Certified to ATEX for hazardous area use

Gaseeker

Accessories



Specification

Weight	900 g (2 lb)	
Dimensions	118 h x 167 w x 73 d mm (4.65 x 6.6 x 2.9 inches)	
Ranges and alarms	Gaseeker automatically switches between LEL & vol ranges. Alarms may be preset or set at a service centre	
Flammable Gas	<i>Range</i> 0-100% LEL & 5-100% volume Available for natural gas	<i>Alarms</i> Optional Optional
Oxygen (optional)	<i>Range</i> 0-25%	<i>Alarm</i> Optional
Typical response times	Methane 10 s, Oxygen 10 s	
Expected sensor life	Flammable 3 years, Oxygen 2 years.	
Audible alarms	Confidence blip. Distinctive double blip for low battery. Optional gas alarm 85dBA@1m piercing rapid tone.	
Visible alarms	Ultra bright flashing red LED in gas hazard. Slow flashing green LED indicates instrument is working. Distinctive double flash of green LED indicates low battery.	
Display	2 lines of 24 characters, dot matrix high contrast LCD with back light operating for 30 minutes. Values and units displayed simultaneously. Low battery, pump failure, real time and elapsed time, calibration and configuration data also displayed.	
Battery	Sealed lead acid 1.2 Ah, interchangeable rechargeable battery pack.	
Battery life	Instrument 8-10 hours.	
Battery charging	Dual rate 'drop in' charger for instrument included. Charge time 4-6 hours.	
Electric pump	Internal pump as standard.	
Operating temp. range	-20°C to +50°C (-4°F to 122°F).	
Humidity	0 – 95% RH non condensing.	
Approval codes	Europe	ATEX  I M2: EEX Ib d I ATEX  II 2G: EEx ib d IIC T4
Standards	Europe	EN50014, EN50020, 94/9/EC
Ingress protection	IP65	
RF radiation	EN50081-2, EN50270	
RF immunity	EN50082-2, EN50270	
Accessories (included)	Carry case and belt 1 m hose (non-absorbent and hydrocarbon resistant) Water Trap	
Accessories (optional)	1 m probe	



— A —
**HALMA
GROUP
COMPANY**

P01110 Issue 1 08/05