

GMI



Leak Surveyor



The Fast Response Gas Detector

The GMI Leak Surveyor combines quality, ruggedness and advanced GMI Technology in a user friendly, portable gas detector. The integral fast response and high sensitivity semiconductor sensor enables leakage surveys to be performed and distribution leaks to be quickly found.

FEATURES

- Integral Semiconductor Sensor (Range 0 - 10,000 ppm), providing fast response leak detection
- PPM, LEL and Volume flammable gas ranges for leak detection, general safety monitoring and barholing
- Audible and visual 'Geiger' alarm indication on ppm range
- Integral pump with pressure sensor for flow fail detection with sample path protected by hydrophobic filter
- Rugged polypropylene case, sealed to IP54 rating, suitable for outdoor use
- Simple button operation allowing access to all features
- Rechargeable or alkaline battery options
- Compatible with the full range of GMI accessories
- Fully certified to international standards



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GMI

Distributor

Measuring Ranges

0 to 10,000 ppm (Semiconductor Sensor)
 0 to 100% LEL (Catalytic Sensor)
 0 to 100% Volume Gas (Thermal Conductivity Sensor)

Display

LCD with backlighting

Resolution

ppm	0 to 499	1 ppm
	500 to 10000	10 ppm
LEL	0 to 10%	0.1%
	10% to 100%	1%
Vol Gas	0 to 100%	1%

Alarms

Highly visible flashing LED
 Sounder in excess of 80dB(A), typically 85dB(A)@1m

Sampling System

Integral pump with semiconductor pressure sensor for flow fail detection. Sample path is protected by hydrophobic filter.

Physical Properties

Weight: 1.7 kg
 Dimensions: 180mm (7.08in) x 95mm (3.74in) x 105mm (4.13in)

Construction / Protection Rating

Moulded polypropylene case protected to IP54

Power Supply

4 'D' size Alkaline Cells or Rechargeable Battery Pack

Battery Life

Alkaline 21 Hours
 Rechargeable 18 Hours

Sensor Life

5 Years

Environment

Temperature Limits -20°C to +50°C (-4°F to +122°F)
 Humidity: 0 to 95% R.H. non-condensing

Certification

ATEX  II 2G EEx iad IIB T3



UL 913 Class I Groups C and D



CoGDEM
 The Council of Gas Detection and
 Environmental Monitoring



As an ISO 9001 approved company, GMI Ltd's quality assurance programmes demand the continuous assessment and improvement of all GMI products. Information in this leaflet could thus change without notification and does not constitute a product specification. Please contact GMI or their representative if you require more details.

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Ordering Information

Description	Part No.
Leak Surveyor (Alkaline) Methane Calibration	44512L <input type="checkbox"/>
Leak Surveyor (Rechargeable) Methane Calibration	44512LR <input type="checkbox"/>

Note: Both instruments are supplied with - Harness ;
 4mm Hex. Driver ; 1m Clear Sample Line ; Handbook ;
 Quick Operation Guide.

Accessories	Part No.
Standard Accessory Case (A)	42466 <input type="checkbox"/>
Gas Industry Survey Case (B)	12580 <input type="checkbox"/>

Note: An A or B suffix in the following list identifies the provision for that particular accessory in case A, case B or both cases. Accessories without this identification can only be supplied as loose items.

Survey Probes	Part No.
Carpet Probe	13535 <input type="checkbox"/>
Survey Probe Handle (B) and Survey Probe Handle Adaptor (B) and Bellows Survey Probe (B) or Swan Neck Survey Probe c/w Shroud (B)	13561 <input type="checkbox"/> 13562 <input type="checkbox"/> 13563 <input type="checkbox"/> 13655 <input type="checkbox"/>
Dust Filter Assembly c/w Filters (B) or Water Filter Assembly c/w Filters (B)	42184 * <input type="checkbox"/> 42183 * <input type="checkbox"/>
* use with 13561	

Barholing Probes	Part No.
Std. Probe Handle c/w Filters (A) and Small Plastic Probe - Solid End (A) or Large Plastic Probe - Solid End	12481 <input type="checkbox"/> 12480 <input type="checkbox"/> 12393 <input type="checkbox"/>

Leak Testing Probes	Part No.
Std. Probe Handle c/w Filters (A) and Small Plastic Probe - Open End (A) or Flexible Sampling Probe	12481 <input type="checkbox"/> 13427 <input type="checkbox"/> 42400 <input type="checkbox"/>

Standard Chargers	Part No.
c/w Power Supply - UK Plug (A)	13184 <input type="checkbox"/>
c/w Power Supply - Euro Plug (A)	13317 <input type="checkbox"/>
c/w Power Supply - USA Plug (A)	13322 <input type="checkbox"/>
c/w Power Supply - Australian Plug (A)	12888 <input type="checkbox"/>

For a comprehensive list of probes, accessories and calibration gases, contact GMI Ltd.

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