



## 3M™ GMI™ Leaksurveyor



### The fast response gas detector.

The GMI Leaksurveyor 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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## Gas Measurement Device

### Technical specifications

Measuring Ranges:	0 to 10,000 ppm (Semiconductor Sensor) 0 to 100% LEL (Catalytic Sensor) 0 to 100% Volume Gas (Thermal Conductivity Sensor)		
Resolution:	ppm	0 to 499 500 to 10000	1 ppm 10 ppm
	LEL	0 to 10% 10% to 100%	0.1% 1%
	Vol Gas	0 to 100%	1%
Dimensions:	180 × 95 × 105 mm / 7.1 × 3.7 × 4.1in.		
Weight:	1.7 kg / 3.75 lbs		
Display:	LCD with automatic backlighting		
Humidity:	0-100% R.H. non-condensing		
Temperature:	-20°C to +50°C (-4°F to +122°F)		
Alarms:	Highly visible flashing LED. Sounder: In excess of 80dB(A), typically 85dB(A) @ 1m.		
Sampling:	Integral pump with semiconductor pressure sensor for flow fail sensor. Sample path is protected by a hydrophobic filter		
Battery:	4 'D' size Alkaline Cells or Rechargeable Battery Pack		
Battery Life:	21 hours Alkaline or 18 hours Rechargeable		
Construction:	Moulded polypropylene case		
Rating:	IP54 (Dust protected and splashproof)		
Sensor Life:	5 Years		
Certification:	ATEX  II 2 G EEx ia d IIB T3 (Ta = -20°C to +50°C) IECEx Ex d ia IIB T3 (-20°C ≤ Tamb ≤ +50°C)  UL 913 Class I Groups C and D		

### Ordering Information And Accessories

Description	
44512L	Leaksurveyor (Alkaline) Methane Calibration
44512LR	Leaksurveyor (Rechargeable) Methane Calibration
Note: Both instruments are supplied with :-Harness; 4mm Hex Driver; 1.5m Clear Sample Line; User Handbook; Quick Operation Guide	
Accessories	
42141	Standard Accessory Case - Items marked 'STD' included
42151	Gas Industry Survey Case - Items marked 'GS' included
Survey Probes	
13535	Carpet Probe
13561	Survey Probe Handle (GS)
13562	and Survey Probe Handle Adaptor (GS)
13563	and Bellows Survey Probe (GS)
13655	or Swan Neck Survey Probe c/w Shroud (GS)
42800	Extended Survey Probe Assembly (GS)
42605	In-line Double Filter Assembly (GS) - use with 13561
Barholing Probes	
12481	Std. Probe Handle c/w Filters (STD)
12480	and Small Plastic Probe - Solid End (STD)
12393	or Large Plastic Probe - Solid End
Leak Testing Probes	
12481	Std. Probe Handle c/w Filters (STD)
13427	and Small Plastic Probe - Open End (STD)
42400	or Flexible Sampling Probe
Chargers	
13844	Universal Power Supply
14810	In-Vehicle Charger
14815	Desktop Charger
Calibration	
14800	Mobile Bump / Calibration Station
14750	Auto Calibration Package c/w GDUnet, s/w & (6mm) fittings
14750Q	Auto Calibration Package c/w GDUnet, s/w & (1/4in.) fittings
For a comprehensive list of probes, accessories and calibration gases, contact your local distributor, or alternatively: <a href="mailto:gasandflamedetection@mmm.com">gasandflamedetection@mmm.com</a> .	

As an ISO 9001 approved company, Gas Measurement Instruments 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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