



3M™ GMI™ First responder



Combination Instrument for First Call and Emergency Response Technicians.

The GMI First Responder is a combustible gas indicator designed for emergency response technicians in the gas industry. This instrument combines quality, ruggedness and advanced GMI Technology in a user friendly, portable gas detector.




Features

- PPM, LEL and Volume flammable gas ranges for leak detection and general safety monitoring. Carbon Monoxide range for internal atmosphere monitoring.
- Probe mounted Semiconductor Sensor (Range 0 - 10,000 ppm), providing instant response leak detection with audible / visual 'Ticker' (Geiger) alarm indication.
- Simple four button operation allowing access to all features.
- Automatic and manual datalogging.
- Integral pump.
- Comprehensive range of probes and accessories available.
- Rugged polypropylene case, sealed to IP54 rating.
- Rechargeable or alkaline battery options.
- Fully certified to international standards.

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Gas Measurement Device

Technical specification

Measuring Ranges:	0 to 10,000 ppm Flammable EXT Range (External Semiconductor Sensor) 0 to 1000 ppm Flammable 0 to 100% LEL 0 to 100% Volume Gas 0 to 1000 ppm Carbon Monoxide (CO) <i>Note: Hydrogen Sulphide and Oxygen are available on request.</i>		
Resolution:	ppm	0 to 1000 ppm	5 ppm
	LEL	0 to 10%	0.1%
		10% to 100%	1%
	Vol Gas	0 to 100%	1%
	CO	0 to 1000 ppm	1 ppm
	EXT	0 to 1000 ppm	1 ppm
		1000 to 9999 ppm	10 ppm
Dimensions:	180 × 95 × 105 mm / 7.1 × 3.7 × 4.1in.		
Weight:	1.7 kg / 3.75 lbs		
Display:	LCD with automatic backlighting		
Humidity:	0-95% 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. Ticker (Geiger) in ppm Flammable and EXT ranges		
Datalogging:	Both automatic and manual		
Sampling:	Integral pump; sample path is protected by a hydrophobic filter		
Battery:	4 'D' size Alkaline Cells or Rechargeable Battery Pack		
Battery Life:	18 hours Alkaline (12 hours with External Semiconductor Sensor probe connected) or 8 hours Rechargeable at 20°C (68°F)		
Construction:	Moulded polypropylene case		
Rating:	IP54 (Dust protected and splashproof)		
Sensor Life:	Flammable (LEL / VOL): 5 Years CO: 2 Years		
Certification:	ATEX  II 2 G EEx ia d IIB T3 (Ta = -20°C to +50°C) IECEx Ex d ia IIB T3 (Ta = -20°C to +50°C)  UL 913 Class I, Div 1 Groups C and D  CSA Class I Groups CD C22.2 No. 152		

Ordering Information And Accessories

44526G	First Responder (Alkaline)
44526GR	First Responder (Rechargeable)
<i>Note: Both instruments are supplied calibrated for Methane and complete with - Carrying Case; Carrying Harness; 4mm Hex Driver; User Handbook; Quick Operation Guide; 1.5m Clear Sample Line; Probe Handle c/w Filters; Small Plastic Probe (Solid End); Cotton Particulate Filters (Box of 10) x 2; Dust Cap - Flexi Probe Connection.</i>	
13184	Standard Charger c/w Universal Power Supply
13100	Smart Charger & Datalogging Software c/w 240V Power Supply (UK Plug)
13440	Smart Charger & Datalogging Software c/w 220V Power Supply (Euro Plug)
13340	Smart Charger & Datalogging Software c/w 110V Power Supply (USA Plug)
12890	Smart Charger & Datalogging Software c/w 220V Power Supply (Australian Plug)
65213	Confined Space Clip / Wrist Strap
13000	Rechargeable Battery Pack
99556	FlexiCal Plus
12393	Plastic Probe - 80cm Solid End
42200	Semiconductor Sensor (Flexi) Probe c/w Filter Disc
42197	Filter Disc (use with 42200)
42169	Carry Pouch (use with 42200)
42444	Semiconductor Survey (Bellows) Probe c/w Dust Filter
42416	Water Filter c/w Filter (use with 42444)
13561	Probe Handle
42183	Water Filter c/w Filter (use with 13561)
42184	Dust Filter c/w Filter (use with 13561)
13563	Bellows Probe (use with 13561)
13655	Swan Neck Probe c/w Shroud (use with 13561)
13562	Probe Adaptor (use with 13563, 13565, 13413)
13413	Stainless Steel Flue Probe (use with 12481)
42215	Coalescing Filter Assy. (use with 13413)
75174	Coalescing Filter (use with 42215)
12358	Hydrophobic Filter (use with 12481, 42183, 42416)
42388	Dust Filter - Box of 20 (use with 42184, 42444)

For a comprehensive list of probes, accessories and calibration gases, contact your local distributor, or alternatively, GMI Ltd.

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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