



# 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.





### *Detection, Protection, Innovation*



**GMI. CONFIDENCE WHERE SAFETY IS CRITICAL.** Gas Measurement Instruments designs, manufactures and markets a wide range of the highest quality proven personal portable and fixed gas monitoring systems. GMI is an international brand with a worldwide network of distributors and dedicated service centers ensuring fast and effective turnaround on instrument calibration and repair. Our uncompromising engineering excellence, established in over half a century of leadership, enables us to meet the exacting demands of industries where safety is critical. By building and maintaining strong relationships with our customers, GMI understands the unique challenges of the diverse markets we serve. Today, our proud heritage of pioneering gas leak monitors and detectors is shaping the future of GMI.



# First Responder

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)		
	Note: Hydrogen Sulphide and Oxygen are available on request.		
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 x 95 x 105 mm / 7.1 x 3.7 x 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	
<b>44526G</b>	<b>First Responder (Alkaline)</b>
<b>44526GR</b>	<b>First Responder (Rechargeable)</b> <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>
<b>13184</b>	Standard Charger c/w Universal Power Supply
<b>13100</b>	Smart Charger & Datalogging Software c/w 240V Power Supply (UK Plug)
<b>13440</b>	Smart Charger & Datalogging Software c/w 220V Power Supply (Euro Plug)
<b>13340</b>	Smart Charger & Datalogging Software c/w 110V Power Supply (USA Plug)
<b>12890</b>	Smart Charger & Datalogging Software c/w 220V Power Supply (Australian Plug)
<b>65213</b>	Confined Space Clip / Wrist Strap
<b>13000</b>	Rechargeable Battery Pack
<b>99556</b>	FlexiCal Plus
<b>12393</b>	Plastic Probe - 80cm Solid End
<b>42200</b>	Semiconductor Sensor (Flexi) Probe c/w Filter Disc
<b>42197</b>	Filter Disc (use with 42200)
<b>42169</b>	Carry Pouch (use with 42200)
<b>42444</b>	Semiconductor Survey (Bellows) Probe c/w Dust Filter
<b>42416</b>	Water Filter c/w Filter (use with 42444)
<b>13561</b>	Probe Handle
<b>42183</b>	Water Filter c/w Filter (use with 13561)
<b>42184</b>	Dust Filter c/w Filter (use with 13561)
<b>13563</b>	Bellows Probe (use with 13561)
<b>13655</b>	Swan Neck Probe c/w Shroud (use with 13561)
<b>13562</b>	Probe Adaptor (use with 13563, 13565, 13413)
<b>13413</b>	Stainless Steel Flue Probe (use with 12481)
<b>42215</b>	Coalescing Filter Assy. (use with 13413)
<b>75174</b>	Coalescing Filter (use with 42215)
<b>12358</b>	Hydrophobic Filter (use with 12481, 42183, 42416)
<b>42388</b>	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.	



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.