



# 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	
<b>Measuring Ranges:</b>	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>
<b>Resolution:</b>	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
<b>Dimensions:</b>	180 x 95 x 105 mm / 7.1 x 3.7 x 4.1in.
<b>Weight:</b>	1.7 kg / 3.75 lbs
<b>Display:</b>	LCD with automatic backlighting
<b>Humidity:</b>	0-95% R.H. non-condensing
<b>Temperature:</b>	-20°C to +50°C (-4°F to +122°F)
<b>Alarms:</b>	Highly visible flashing LED. Sounder: In excess of 80dB(A), typically 85db(A) @ 1m. Ticker (Geiger) in ppm Flammable and EXT ranges
<b>Datalogging:</b>	Both automatic and manual
<b>Sampling:</b>	Integral pump; sample path is protected by a hydrophobic filter
<b>Battery:</b>	4 'D' size Alkaline Cells or Rechargeable Battery Pack
<b>Battery Life:</b>	18 hours Alkaline (12 hours with External Semiconductor Sensor probe connected) or 8 hours Rechargeable at 20°C (68°F)
<b>Construction:</b>	Moulded polypropylene case
<b>Rating:</b>	IP54 (Dust protected and splashproof)
<b>Sensor Life:</b>	Flammable (LEL / VOL): 5 Years CO: 2 Years
<b>Certification:</b>	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.



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