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.
**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  
|            | 0 to 10 ppm  
|            | 0.1%  
|            | 10% to 100%  
|            | 1%  
|            | 0 to 1000 ppm  
|            | 1 ppm  
|            | 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 4.1 in.  

| 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 (Seger) 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  
|               | Ex II G EEx ia d IIB T3 (Ta = -20°C to +50°C)  
|               | EEx E x 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)  

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 (Sold End); Cotton Particulate Filters (Box of 10) x 2; Dust Cap - Flexi Probe Connection.  

| 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 | FlexiCel 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.