

# The New GMI Portable Gas Detector

# W!SA

ENSURES THAT  
“I’LL BE  
BACK”



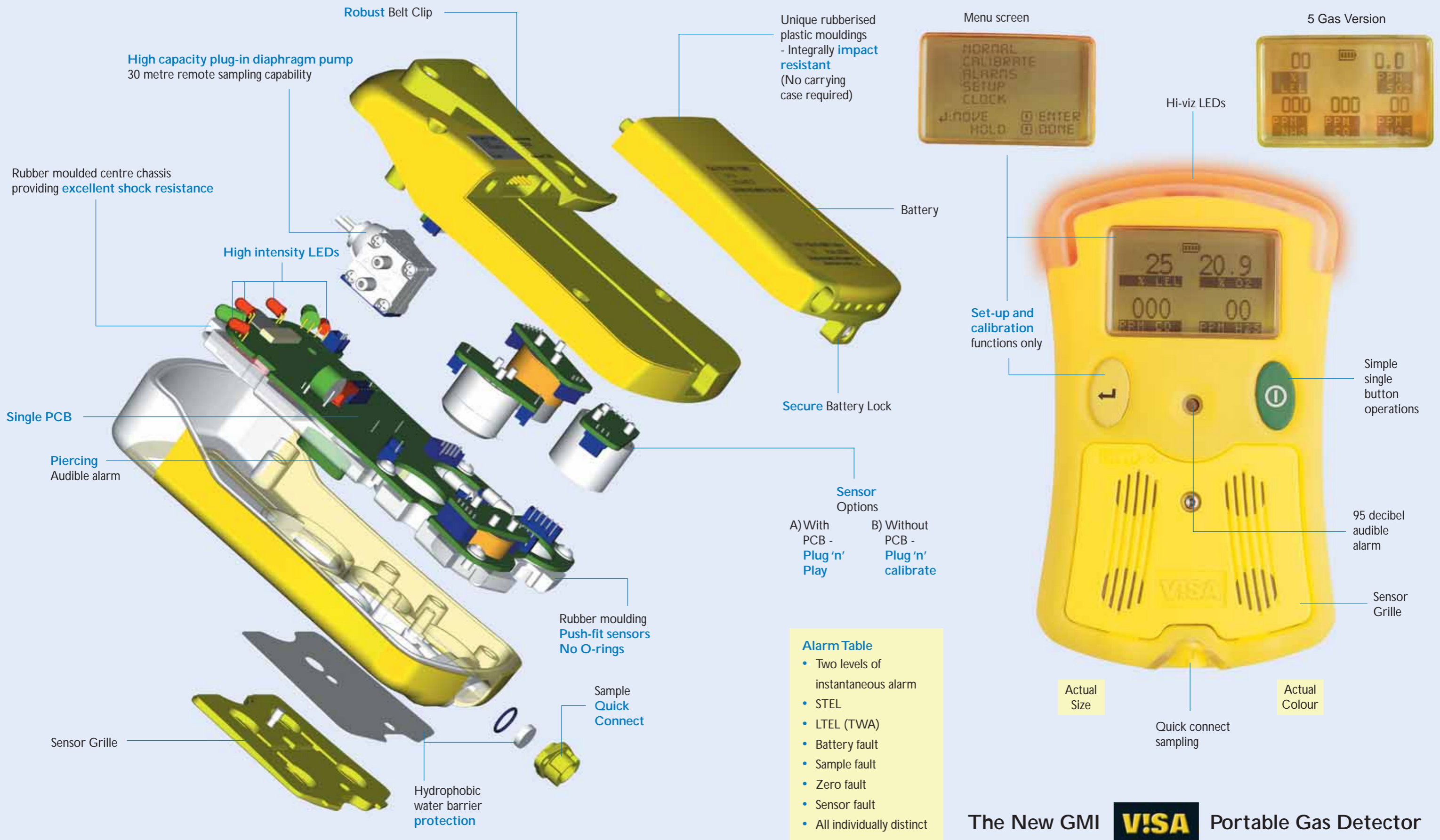
**Your robust, lightweight, flexible Passport to Safe Entry into and Exit from confined spaces.**

- Brilliant Visual Alarm – 360° distinct alarm level, flash rates prioritised
- Ultra loud Audible Alarm. Penetrating 95dBA
- Plug ‘n’ Play Sensor Technology with an extensive range of gas sensors
- A unique combination of Pump Diffusion sampling. Specifically designed for pre-entry and post-entry applications.
- A robust, moulded, rubberised casing guaranteeing Hi-Viz and Hi-Impact resistance
- International Certification and Conformance



GAS MEASUREMENT INSTRUMENTS LTD

# DESIGNED FOR US BY OUR CUSTOMERS



The New GMI **VISA** Portable Gas Detector

## Ordering Requirement

### Parent Instrument

|   |   |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
| 6 | 6 |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|

### Battery Type Code No.

|                     |   |
|---------------------|---|
| Alkaline (Dry Cell) | 1 |
| Standard NiMH       | 2 |
| Long Duration NiMH  | 3 |

|   |   |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
| 6 | 6 |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|

### Notes:

- Alkaline (Dry Cell) provides up to 24 hours operation without pump, or 17 hours with pump.
- Standard rechargeable battery provides up to 14 hours operation without pump, or 10 hours with pump.
- Long Duration rechargeable battery provides up to 20 hours operation without pump, or 14 hours with pump.

### Pump Code No.

|     |   |
|-----|---|
| Yes | 6 |
| No  | 7 |

|   |   |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
| 6 | 6 |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|

### Datalogging Code No.

|     |   |
|-----|---|
| Yes | 8 |
| No  | 9 |

|   |   |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
| 6 | 6 |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|

### Sensors Range Code No.

|                       |                |    |
|-----------------------|----------------|----|
| LEL                   | 0 - 100% LEL   | A  |
| O <sub>2</sub>        | 0 - 25%        | B  |
| H <sub>2</sub> S      | 0 - 100 PPM    | C  |
| CO                    | 0 - 1000 PPM   | D  |
| H <sub>2</sub> S / CO | As items C & D | E  |
| SO <sub>2</sub>       | 0 - 30 PPM     | F  |
| CL <sub>2</sub>       | 0 - 10 PPM     | G  |
| NO <sub>2</sub>       | 0 - 20 PPM     | H  |
| NH <sub>3</sub>       | 0 - 100 PPM    | J  |
| NO                    | 0 - 300 PPM    | N  |
| CO <sub>2</sub>       | 0 - 5%         | P* |

|   |   |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
| 6 | 6 |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|

Note 1: Five gases are only possible when two of the gases are H<sub>2</sub>S and CO (i.e. sensor E is used).

Note 2: Each instrument is supplied complete with User Handbook, Battery / Sensor Grille Key, Inlet Filter Key, Belt Clip and Calibration Certificate.

If a rechargeable battery type is selected, a Standard Charger is also included.

## Accessories

### Standard Accessories

| Standard Accessories  | Part No. |
|---|----------|
| Hand Aspirator  | 66123    |
| Sample Line (per metre)   | 66118    |
| Hand Aspirator c/w 3.0 metres Tygon Tubing & Connector          | 66478    |
| 3.0 metres Tygon Tubing & Connector                             | 66136    |
| Neck Harness with Clip  | 66028    |
| Body Harness with Clip  | 66546    |
| Probe Assembly  | 66017    |
| Probe End Piece   | 66018    |
| Probe Extension   | 66019    |
| Probe Connector   | 85224    |
| Battery / Sensor Grille Key (2mm.A/F)                           | 66166    |
| Inlet Filter Key (1.5mm.A/F)                                    | 66165    |
| CD ROM (Instruction Manual) Configuration and Field Calibration | 66203    |

### Standard Charger

| Standard Charger                               | Part No. |
|--|----------|
| Charger (Universal Plug)                       | 66140    |
| 5-Way Standard Charger c/w Universal Plug PSU  | 66200    |
| 10-Way Standard Charger c/w Universal Plug PSU | 66207    |
| 12V / 24V Vehicle Charger Lead                 | 66206    |

### Fast Charger

| Fast Charger  | Part No. |
|---|----------|
| Fast Charger (Universal Plug)   | 66513    |
| 10-Way Fast Charger c/w PSU select cable from following list:           | 66516    |
| UK Mains Cable  | 30061    |
| USA Mains Cable   | 13439    |
| Euro Mains Cable  | 31048    |
| Australian Mains Cable  | 12020    |
| Add-on Charging Module / Max of 9 (use with 66516)                      | 66514    |
| Fast Charger & Datalogging Package c/w Communications & Universal Plug) | 66510    |

### Communications Options

| Communications Options   | Part No. |
|--|----------|
| Data Downloading Software c/w Communications & User Instructions     | 66208    |
| Data Downloading Software c/w Charger (Universal Plug)               | 66300    |
| !SACAL (Calibration) Software c/w Communications & User Instructions | 66445    |
| !SACAL (Calibration) Software c/w Charger (Universal Plug)           | 66448    |
| !SACAL & Datalogging Software c/w Communications & User Instructions | 66500    |
| !SACAL & Datalogging Software c/w Charger (Universal Plug)           | 66501    |
| USB Adaptor (for above items)  | 66209    |

Note: The Communications Adaptor replaces the battery pack while calibrating or downloading data from the instrument, therefore a standard charger, as listed, is required to power the instrument.

As an ISO 9001 approved company, GMI Ltd's 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.



## Specifications

### Physical Properties

Weight: 0.4 kg  
Dimensions: 140 x 85 x 45 mm

### Environment

Temperature Limits -20°C to + 50°C  
Humidity: 0 to 95% R.H. non-condensing

### Performance

Complies with:  
EN 61779 (Flammable)  
EN 50104 (Oxygen)  
EN 45544 (Toxic)

### Certification

\* ATEX II 2 G EEx iad IIC T3/T4   
\* IEC Ex iad IIC T3



UL 913 Class I, Div 1 Groups ABCD



EC Type Approval Certificate MED



HEAD OFFICE: Inchinnan Business Park,  
Renfrew, PA4 9RG, Scotland, U.K.  
Tel: +44 (0) 141-812 3211  
Fax: +44 (0) 141-812 7820

[www.gmiuk.com](http://www.gmiuk.com)  
e-mail: [sales@gmiuk.com](mailto:sales@gmiuk.com)

SERVICE CENTRE: 25 Cochran Close,  
Milton Keynes, MK8 OAJ, England, U.K.  
Tel: +44 (0) 1908 568867  
Fax: +44 (0) 1908 261056