

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

**Robust Belt Clip**

**High capacity plug-in diaphragm pump**  
30 metre remote sampling capability

**Unique rubberised plastic mouldings**  
- Integrally **impact resistant**  
(No carrying case required)

**Menu screen**

**5 Gas Version**

**Hi-viz LEDs**

**Battery**

**Secure Battery Lock**

**Set-up and calibration functions only**

**Simple single button operations**

**95 decibel audible alarm**

**Sensor Grille**

**Actual Size**

**Actual Colour**

**Quick connect sampling**

**Rubber moulded centre chassis**  
providing **excellent shock resistance**

**High intensity LEDs**

**Single PCB**

**Piercing Audible alarm**

**Rubber moulding Push-fit sensors**  
No O-rings

**Sample Quick Connect**

**Hydrophobic water barrier protection**

**Sensor Options**  
A) With PCB - **Plug 'n' Play**  
B) Without PCB - **Plug 'n' calibrate**

**Alarm Table**

- Two levels of instantaneous alarm
- STEL
- LTEL (TWA)
- Battery fault
- Sample fault
- Zero fault
- Sensor fault
- All individually distinct

The New GMI **VISA** Portable Gas Detector

## Ordering Requirement

### Parent Instrument

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### Battery Type Code No.

Alkaline (Dry Cell)	1
Long Duration NiMH	3
Fast Charge NiMH (Fast charger required)	5

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- Notes:
- Alkaline (Dry Cell) provides up to 24 hours operation without pump, or 17 hours with pump.
  - Both Long Duration and Fast Charge rechargeable batteries provide up to 20 hours operation without pump, or 14 hours with pump.

### Pump Code No.

Yes	6
No	7

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### Datalogging Code No.

Yes	8
No	9

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### Sensors Range Code No.

LEL (Std.)	0 - 100%	A
LEL (Unfiltered)	0 - 100%	A1
LEL (Carbon Cloth)	0 - 100%	A2
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
LEL (Infrared)	0 - 100%	R
PID	Variable PPM	U

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- Note 1: A five gas version is only possible when two of the gases are H<sub>2</sub>S and CO (i.e. sensor E)
- Note 2: Each instrument is supplied complete with User Handbook, Battery / Sensor Grille Key, Inlet Filter Key, (integral) Belt Clip and Calibration Certificate.
- Note 3: If a long duration (NiMH) rechargeable battery type is selected, a Standard Charger is also included.

## Accessories

### Standard Accessories

	Part No.
(Hard) Carry Case	66349
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
Ball Float	66545
Battery / Sensor Grille Key (2mm.A/F)	66166
Inlet Filter Key (1.5mm.A/F)	66165
Long Duration (NiMH) Rechargeable Battery Pack	66056
Fast Charge (NiMH) Battery Pack	66335
CD ROM (Instruction Manual) Configuration and Field Calibration	66203

### 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

	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

	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  $\text{Ex}$  II 2 G EEx iad IIC T3/T4   
IEC Ex iad IIC T3



UL 913 Class I, Div 1 Groups ABCD



EC Type Examination Certificate MED



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