



# SHIPSURVEYOR



**A solution for all your safety monitoring and inerting marine application requirements.**

With 8 models to choose from, this extremely versatile instrument complies with international marine regulations for Confined Space Monitoring, Inerting, Pre-entry Testing, Tank Cleaning and many other marine applications in vessels such as LNG / LPG Tankers, Oil Tankers, Fruit Carriers and Refrigerated Cargoes.

## FEATURES

- Fully certified to MED.
- Simple user interface.
- Infrared (IR) technology for inerting / purging operations.
- Ability to enter up to 300 unique user identified location areas.
- Integral pump capable of drawing a sample from 30 metres.
- Dual mode operation: Confined Space Monitor (CSM) or Combustible Gas Indicator (CGI).
- Rugged impact resistant carbon impregnated casing.
- LCD with automatic backlighting.
- Complete with Data Downloading and flexiCal Plus (Calibration) software.

### *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.



## ORDERING INFORMATION

### Instrument c/w (Hard) Case & Accessories

<b>48021</b>	S-1 LEL / VOL
<b>48022</b>	S-2 LEL / VOL / O <sub>2</sub>
<b>48023</b>	S-3 LEL / VOL / O <sub>2</sub> / H <sub>2</sub> S
<b>48024</b>	S-4 LEL / VOL / O <sub>2</sub> / CO <sub>2</sub>
<b>48025</b>	S-5 LEL / VOL / O <sub>2</sub> / CO <sub>2</sub> / CO
<b>48026</b>	S-6 LEL / VOL / O <sub>2</sub> / H <sub>2</sub> S / CO
<b>48027</b>	S-7 O <sub>2</sub> / CO <sub>2</sub>
<b>48028</b>	S-8 LEL / VOL / O <sub>2</sub> / H <sub>2</sub> S / CO <sub>2</sub>

Note: Above instruments supplied in a (hard) carrying case with - Neck / Shoulder Harness; 4mm Hex Driver; Probe Handle c/w Quick Connect & 1m (39ins.) Conductive Tubing; 15cm (6ins.) Open End Probe; Box (10) Cotton Filters x 2; User Handbook; Quick Operating Instructions; Calibration Certificate; Configuration Report; Datalogging & FlexiCal Plus software & IrDA adaptor.




## ACCESSORIES

<b>48100</b>	(Hard) Carry Case
<b>48101</b>	Leather Field Case
<b>12370</b>	Neck / Shoulder Harness
<b>12371</b>	Waist Harness
<b>48120</b>	Probe Handle c/w 1m (39ins.) Conductive Tubing & Quick Connect
<b>12358</b>	Hydrophobic Filter
<b>10077</b>	Cotton Filter - Box of 10
<b>12688</b>	Sample Line Adaptor
<b>12712</b>	Sample Line (Tygon) - per metre
<b>48102</b>	Ball Float
	Sample Line Adaptor c/w Waist Harness, Quick Connect Anchor Assembly &:
<b>48142</b>	10m (32ft.) Conductive Tubing
<b>48145</b>	25m (80ft.) Conductive Tubing
<b>48147</b>	35m (114ft.) Conductive Tubing
<b>13427</b>	35cm (14in.) Open End Probe
<b>13413</b>	35cm (14in.) S/Steel Open End Probe
<b>12287</b>	50cm (20in.) S/Steel Open End Probe
<b>48110</b>	Rechargeable Option Kit (including Charger, Universal Power Supply, 2 Rechargeable Batteries)
<b>47280</b>	Rechargeable Batteries x 2
<b>48150</b>	Data Downloading Package (s/w & IrDA)
<b>48151</b>	Manual Calibration Package (s/w & IrDA)
<b>14750</b>	Auto Calibration Package c/w GDU <sub>net</sub> , s/w & (6mm) fittings
<b>14750Q</b>	Auto Calibration Package c/w GDU <sub>net</sub> , s/w & (1/4in.) fittings
	For a comprehensive list of probes, accessories and calibration gases, contact your local distributor, or alternatively, GMI Ltd.

## SENSOR SPECIFICATION

GAS	RANGE	INCREMENTS	SENSOR TYPE
Flammable LEL	0-100%	1%	Infrared
Flammable Volume	0-100%	1%	Infrared
O <sub>2</sub>	0-21%	0.1%	Electrochemical
	21-25%	1%	
H <sub>2</sub> S	0-100ppm	1ppm	Electrochemical
CO	0-1000ppm	1ppm	Electrochemical
CO <sub>2</sub>	0-5%	0.1%	Infrared
	5-20%	0.5%	

## TECHNICAL SPECIFICATION

<b>Dimensions:</b>	180 x 95 x 100 mm / 7.1 x 3.7 x 3.9 in.
<b>Weight:</b>	1.35 kg / 3.0 lbs
<b>Display:</b>	LCD with backlighting
<b>Humidity:</b>	0-100% R.H. non-condensing
<b>Temperature:</b>	-20°C to +50°C (-4°F to +122°F)
<b>Alarms:</b>	Highly visible flashing LED's on display panel Sounder in excess of 80dB(A), typically 85dB(A) @ 12in.
<b>Sampling:</b>	Integral pump with flow fail sensor Sample path is protected by a hydrophobic filter and automatic pump switch-off
<b>Battery:</b>	2 'D' type batteries – alkaline or rechargeable
<b>Battery Life:</b>	20 hours alkaline or 8 hours rechargeable
<b>Construction:</b>	Moulded polypropylene case
<b>Rating:</b>	IP54 (Dust protected and splashproof)
<b>Certification:</b>	ATEX  II 2 G Ex d ia IIB T3 Gb (-20°C ≤ Ta ≤ +50°C) IECEX Ex d ia IIB T3 Gb (-20°C ≤ Ta ≤ +50°C)  MED (0038/YY) - Module B&E 
<b>Warranty:</b>	2 years



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