



# GASURVEYOR

## 3-500 / 6-500 / 11-500



**The Gasurveyor 500 Series is GMI's most technologically advanced range of gas detectors to date.**

### FEATURES

- Flammable gas leak location instruments:
  - with mode for purging / inerting operations (3-500)
  - with Carbon Monoxide monitoring (6-500)
  - with Oxygen monitoring (11-500)
- Rechargeable or alkaline battery options.
- Approved to European and North American safety standards.
- Extremely robust anti-static case.
- Simple to use, 2-button operation.
- Built-in sampling pump as standard.
- Large LCD with automatic backlighting in low level light conditions.
- Audible / visual alarms for all gas ranges.
- Fault alarms for low flow, low battery etc.
- Compatible with the GMI range of Auto Calibration Systems.




### *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.



# Gasurveyor 3-500 / 6-500 / 11-500

TECHNICAL SPECIFICATION			
<b>Resolution:</b>	LEL	0 to 10%	0.1%
		10% to 100%	1%
	VOL GAS	0 to 100%	1%
	Oxygen	0 to 25%	0.1%
	Carbon Monoxide	0 to 1000 PPM	1 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>Sampling:</b>	Integral pump with flow fail sensor; sample path is protected by a hydrophobic filter and automatic pump switch-off		
<b>Battery:</b>	4 'D' size Alkaline Cells or Rechargeable Battery Pack		
<b>Battery Life:</b>	15 hours Alkaline or 9 hours Rechargeable		
<b>Construction:</b>	Moulded polypropylene case		
<b>Rating:</b>	IP54 (Dust protected and splashproof)		
<b>Alarms:</b>	Highly visible flashing LED Sounder: In excess of 80 db(A), typically 85 db(A) @ 1m		
<b>Default Alarm Settings:</b>	LEL - 20%		
	Oxygen - 19% Lo, 23% Hi		
	CO - 35 PPM		
<b>Response Time (typical):</b>	LEL Flammable: 3 secs ( $t_{50}$ ); 5 secs ( $t_{90}$ )		
	Oxygen: 7 secs ( $t_{90}$ )		
	Toxics: 15 secs ( $t_{90}$ )		
<b>Certification:</b>	ATEX  II 2 G EEx ia d IIC T4 (Ta = -20°C to +50°C)		
	IECEx Ex ia d IIC T4 (Ta = -20°C to +50°C)		
	 UL 913 Class I, Div 1 Groups A, B, C and D		
	 CSA Class I Groups ABCD C22.2 No. 152		



INSTRUMENT TYPE AND MEASURING RANGES	
<b>Gasurveyor 3-500</b> (flammable gas only)	<b>0 to 100% LEL</b> <b>0 to 100% Volume Gas</b>
<b>Gasurveyor 6-500</b> (flammable gas and carbon monoxide)	<b>0 to 100% LEL</b> <b>0 to 100% Volume Gas</b> <b>0 to 1000 PPM Carbon Monoxide</b>
<b>Gasurveyor 11-500</b> (flammable gas and oxygen)	<b>0 to 100% LEL</b> <b>0 to 100% Volume Gas</b> <b>0 to 25% Oxygen</b>

ORDERING INFORMATION	
<b>42503</b>	<b>Gasurveyor 3-500 (Alkaline)</b>
<b>42503R</b>	<b>Gasurveyor 3-500 (Rechargeable)</b>
<b>42506</b>	<b>Gasurveyor 6-500 (Alkaline)</b>
<b>42506R</b>	<b>Gasurveyor 6-500 (Rechargeable)</b>
<b>42501</b>	<b>Gasurveyor 11-500 (Alkaline)</b>
<b>42501R</b>	<b>Gasurveyor 11-500 (Rechargeable)</b>
	Above instruments are supplied with: Gasurveyor 500 Carrying Case; Shoulder Harness; 4mm Hex Driver; Standard Probe; Probe Handle Assembly; Sample Line Adaptor; Cotton Particulate Filters (Box of 10) x 2; User Handbook; 1m Clear Sample Line.
<b>42151</b>	Gasurveyor 500 Gas Industry Survey Accessory Pack  Consisting of: Gas Industry Survey Carrying Case (Large); Probe Handle Assembly; Probe Handle Adaptor; Bellows Probe; Cotton Particulate Filters (Box of 10) x 2.  Note: Large carrying case has space for special probes, e.g. Swan Neck
<b>13184</b>	Simple 'low cost' Charger c/w Universal Plug

For all sampling probes and accessories, and for calibration gases, contact GMI Ltd



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