



PPM - 500 GASURVEYOR



A Portable Flammable Gas Detector with Fast Response Search Facility

FEATURES

- Fast Response Search Mode, to locate PPM level leaks very quickly.
- Fully autoranging between PPM - LEL - Volume Gas.
- Simple 2-button operation, allowing user access to all features.
- Audible and Visual Geiger (Ticker) in Search and PPM.
- Integral pump.
- Optional alkaline cells or rechargeable battery pack.
- Rugged carbon loaded polypropylene case, sealed to IP54 rating and suitable for outdoor use.
- LCD with backlighting which displays the current gas readings (in both digital and analogue format).
- Directly interfaces with GMI Auto Test Calibration Units.
- ATEX approved.

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.



PPM Gasurveyor 500

TECHNICAL SPECIFICATION			
Measuring Ranges:	SEARCH - Enhanced PPM 0 to 1000 PPM 0 to 100% LEL 0 to 100% VOL GAS		
Resolution:	PPM	0 to 1000	5 ppm
	LEL	0 to 10%	0.1%
		10% to 100%	1%
	Vol Gas	0 to 100%	1%
Dimensions:	180 x 95 x 105 mm / 7.1 x 3.7 x 4.1in.		
Weight:	1.7 kg / 3.75 lbs		
Display:	LCD containing: 4-digit digital display Analogue display 3-character range indication Operational Flags		
Humidity:	0-95% R.H. non-condensing		
Temperature:	-20°C to +50°C (-4°F to +122°F)		
Sampling:	Integral pump with flow fail sensor; sample path is protected by a hydrophobic filter and automatic pump switch-off		
Battery:	4 'D' size Alkaline Cells or Rechargeable Battery Pack		
Battery Life:	15 hours Alkaline or 8 hours Rechargeable at 20°C (68°F)		
Construction:	Moulded polypropylene case		
Rating:	IP54 (Dust protected and splashproof)		
Geiger (Ticker):	Indicates gas concentration increase in Search and PPM ranges via the increased rate of sounder and LED pulse		
Sensor Life:	5 Years		
Certification:	ATEX  II 2 G EEx ia d IIC T4 (Ta = -20°C to +50°C) IECEx Ex ia d IIC T4 Gb (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  MED (0038/YY) Modules B & E		



ORDERING INFORMATION AND ACCESSORIES	
42500	PPM Gasurveyor 500 (Alkaline)
42500R	PPM Gasurveyor 500 (Rechargeable)
	Above instruments are supplied with: Gas Industry Survey Carrying Case; Shoulder Harness; 4mm Hex Driver; LR20 Batteries x 4 (if applicable); Bellows Probe; Swan Neck Probe c/w Shroud; Probe Handle; Probe Adaptor; Cotton Particulate Filters (Box of 10) x 2; User Handbook.
13184	Standard Charger c/w Universal Power Supply
12988	12V Car Charger Lead
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)
99556	FlexiCal Plus
42184	In-line Dust Filter Assembly
42388	Dust Filter - Box of 20 (use with 42184)
42183	In-line Water Filter Assembly
12358	Water Filter (use with 42183)
13427	Plastic Probe - 35cm Open End
12480	Plastic Probe - 35cm Solid End
12393	Plastic Probe - 80cm Solid End

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



GMI Headquarters
Inchinnan Business Park
Renfrew
PA4 9RG
Scotland
Tel: +44 (0) 141 812 3211
Fax: +44 (0) 141 812 7820
sales@gmiuk.com
www.gmiuk.com

Service and Calibration - UK
25 Cochran Close
Crownhill
Milton Keynes
MK8 0AJ
Tel: +44 (0) 1908 568 867
Fax: +44 (0) 1908 261 056
service@gmiuk.com
www.gmiuk.com

Service and Sales - USA
4055 Technology Forest Blvd.
The Woodlands, TX 77381
Tel: (713) 559-9290
Toll free: (877) 421-5315
Fax: (281) 292-2860
sales@detcon.com
www.detcon.com

Distributed by:

As an ISO 9001 approved company, Gas Measurement Instruments 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.

© Copyright 2014 Gas Measurement Instruments Ltd

PPM Gasurveyor 500 product brochure Part No. 99390
Issue 7 May 2015