



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 4.1 in. | | |
| 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 | | |
|  | | | |

| 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





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.