

GMI



Gascoseeker 2-500



LEL

AUTOMATIC
RANGING

VOL GAS

The gas industry standard instrument for measuring % LEL and % Volume flammable hydrocarbon gas

FEATURES:

- ◆ *Automatic range selection*
- ◆ *Simple 2-button operation, allowing user access to all features*
- ◆ *Accurate and extremely reliable low-cost instrument*
- ◆ *Integral pump with flowpath protected by water filter*
- ◆ *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) together with operational and status information*
- ◆ *Can be checked / calibrated, via an infrared link to GMI Auto Test Calibration Unit, without opening the instrument*
- ◆ *Comprehensive range of accessories*
- ◆ *ATEX approved*



GMI - PROTECTING ENVIRONMENTS . . . WORLDWIDE



Measuring Ranges

0 to 100% LEL
0 to 100% VOL GAS

Resolution

LEL	0 to 10%	0.1%
	10 to 100%	1%
VOL GAS	0 to 100%	1%

Physical Properties

Weight: 1.7 kg (3.75lbs.) with alkaline batteries
Dimensions: 180 x 95 x 105 mm.
(7.08 x 3.74 x 4.13 in.)

Environment

Temperature Limits: -20°C to + 50°C
(-4°F to + 122°F)

Humidity: 0 to 95% R.H. non-condensing

Construction

Moulded polypropylene case protected to IP54

Display

LCD containing:
Analogue display scaled 0-10, 0-100, 0-1000, 0-10000
4-digit digital display
3-character range indication
Operational flags

Sampling System

Integral pump with flow fail sensor
Sample path is protected by hydrophobic filter and automatic pump switch-off

Power Source

Four 'D' size alkaline cells providing approx. 15 hours runtime at 20°C (68°F).

Rechargeable (NiCd) battery pack providing approx. 8 hours runtime at 20°C (68°F).

Certification

EEx iad IIc T4 (-20°C ≤ Tamb ≤ 50°C)

BAS01ATEX2292 II 2 G

UL 913 Class I Groups A, B, C and D

Expected Sensor Life

Flammable 5 Years

Ordering Information

	Part No.	
GASCOSEEKER 2-500 (Alkaline)	12212	<input type="checkbox"/>
GASCOSEEKER 2-500 (Rechargeable)	12212R	<input type="checkbox"/>

Above instrument is supplied with: Field Carrying Case ; Shoulder Harness ; 4mm. Hex Driver ; LR20 Batteries x 4 (if applicable) ; Plastic Probe 28cm. (11in) Open End ; Plastic Probe 80cm. (2ft 7in) Solid End ; Aspirator Bulb ; Probe Handle c/w Sample Line and Filters ; Cotton Particulate Filters (Box of 10) x 2 ; User Handbook ; Quick Operating Instruction Card.

Accessories

	Part No.	
Standard Charger c/w Power Supply (240V - UK Plug)	13184	<input type="checkbox"/>
Standard Charger c/w Power Supply (220V - Euro Plug)	13317	<input type="checkbox"/>
Standard Charger c/w Power Supply (110V - USA Plug)	13322	<input type="checkbox"/>
Standard Charger c/w Power Supply (220V - Australian Plug)	12888	<input type="checkbox"/>
12V Car Charger Lead (for use with Standard Charger only)	12988	<input type="checkbox"/>
5-Way Lead for Multi-Charging (for use with Standard Charger only)	13163	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 240V Power Supply (UK Plug)	13100	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 220V Power Supply (Euro Plug)	13440	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 110V Power Supply (USA Plug)	13340	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 220V Power Supply (Australian Plug)	12890	<input type="checkbox"/>
FlexiCal 'Lite' Calibration Software	42690	<input type="checkbox"/>
Plastic Probe - 35cm. Open End	13427	<input type="checkbox"/>
Plastic Probe - 35cm. Solid End	12480	<input type="checkbox"/>

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

Gas Measurement Instruments Ltd.,
Inchinnan Business Park,
Renfrew, PA4 9RG, Scotland, U.K.
Tel: +44 (0) 141-812 3211 Fax: +44 (0) 141-812 7820
www.gmiuk.com e-mail: sales@gmiuk.com

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.

