

# 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


<b>GASCOSEEKER 2-500 (Alkaline)</b>	<b>12212</b>	<input type="checkbox"/>
<b>GASCOSEEKER 2-500 (Rechargeable)</b>	<b>12212R</b>	<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)	<b>13184</b>	<input type="checkbox"/>
Standard Charger c/w Power Supply (220V - Euro Plug)	<b>13317</b>	<input type="checkbox"/>
Standard Charger c/w Power Supply (110V - USA Plug)	<b>13322</b>	<input type="checkbox"/>
Standard Charger c/w Power Supply (220V - Australian Plug)	<b>12888</b>	<input type="checkbox"/>
12V Car Charger Lead (for use with Standard Charger only)	<b>12988</b>	<input type="checkbox"/>
5-Way Lead for Multi-Charging (for use with Standard Charger only)	<b>13163</b>	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 240V Power Supply (UK Plug)	<b>13100</b>	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 220V Power Supply (Euro Plug)	<b>13440</b>	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 110V Power Supply (USA Plug)	<b>13340</b>	<input type="checkbox"/>
Smart Charger & Datalogging Software c/w 220V Power Supply (Australian Plug)	<b>12890</b>	<input type="checkbox"/>
FlexiCal 'Lite' Calibration Software	<b>42690</b>	<input type="checkbox"/>
Plastic Probe - 35cm. Open End	<b>13427</b>	<input type="checkbox"/>
Plastic Probe - 35cm. Solid End	<b>12480</b>	<input type="checkbox"/>

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

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