TYPICAL CHARACTERISTICS

Dimensions

180 (7.1) x 95 (3.7) x 105 (4.1) mm. (in.)

Weight

1.7 (3.75) kg. (lb.)

Display

LCD with automatic backlighting

Operating Temperature

-20°C to +50°C (-4°F to +122°F)

Humidity

0-95% RH Non-Condensing

Ranges	Gas	Resolution
0 - 100% LEL	flammable	0.1%(0 - 9.9%)
		1% (10 - 100%)
0 - 100% VOL	flammable	1%
0 - 25%	oxygen	0.1%
0 - 1000 ppm	carbon monoxide	1 ppm

Construction / Protection Rating

Moulded polypropylene case protected to IP54

Sampling System

Integral pump with flow fail sensor; sample path protected by hydrophobic filter and auto pump switch off.

Power Supply

4 'D' size Alkaline Cells or Rechargeable Battery Pack

Battery Life

Alkaline: Approx. 15 hours runtime (NiCd) Rechargeable: Approx. 9 hours runtime

Alarms

Highly visible flashing LED Sounder: In excess of 80 dB(A), typically 85 dB(A)@ 1m

Default Alarm Settings

LEL – 20% CO – 35 ppm Oxygen – 19% Lo, 23% Hi

Response Time (typical)

Toxics: 15 secs (ton)

LEL Flammable: 3 secs (t_{50}) ; 5 secs (t_{90}) Oxygen: 7 secs (t_{90})

Approvals

EEx iad IIC T4

UL Class 1 Groups A, B, C and D

Standards:

EN50014 / EN50018 / EN50020 / UL913

ORDERING INFORMATION

Description	Part No.	
Gasurveyor 3-500 (Alkaline)	42503	
Gasurveyor 3-500 (Rechargeable)	42503R	
Gasurveyor 6-500 (Alkaline)	42506	
Gasurveyor 6-500 (Rechargeable)	42506R	
Gasurveyor 11-500 (Alkaline)	42501SH	
Gasurveyor 11-500 (Rechargeable)	42501SHR	
All above instruments are suppli Gasurveyor 500 Carrying Case Probe Handle Assembly; Samp 2 Packs of Cotton Filters; Harn Driver; User Handbook; 1m. C	; Standard Pro le Line Adapto ess ; 4mm. He	r; x.
Gasurveyor 500 Gas Industry Survey Accessory Pack.	42151	

Simple 'low cost' Charger c/w Universal Plug

special probes, e.g. Swan Neck

Consisting of:

GMI - HEAD OFFICE Inchinnan Business Park, Renfrew, PA4 9RG Scotland, U.K. Tel: +44 (0) 141-812 3211

Fax: +44 (0) 141-812 7820

Gas Industry Survey Carrying Case (Large);

Bellows Probe; 2 packs of Cotton Filters.

Note: Large carrying case has space for

Probe Handle Assembly; Probe Handle Adaptor;

13184

www.gmiuk.com
e-mail: sales@gmiuk.com
SERVICE / REPAIR CENTRE

25 Cochran Close, Crownhill, Millon Keynes, MK8 OAJ England, U.K. Tel: +44 (0) 1908 568867 Fax: +44 (0) 1908 261056

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.







The Council of Gas Detection and

Distributor

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3-500 6-500 11-500



Gasurveyor 3 – 500 Gasurveyor 6 – 500 Gasurveyor 11 – 500

The GMI Gasurveyor 500 Series is GMI's most technologically advanced range of gas detectors to date. GMI has developed this new range of standard instruments to cover the majority of your gas detection requirements.

This includes:

Continuous O FOO.	01 4000(15)
Gasurveyor 3 – 500:	0 to 100% LEL
(flammable gas only)	0 to 100% Volume Gas
Gasurveyor 6 - 500:	0 to 100% LEL Flammable
(flammable gas and carbon monoxide)	0 to 100% Volume Gas Flammable
(,	0 to 1000 PPM Carbon Monoxide
Gasurveyor 11 – 500:	0 to 100% LEL
(flammable gas and oxygen)	0 to 100% Volume Gas
	0 to 25% Oxygen

GMI also offers the user a fully configurable instrument option. Please contact us for further information.

FEATURES

- Flammable gas leak location instruments:
 - with mode for purging / inerting operations (3-500 / 11-500)
 - with oxygen monitoring (11-500)
 - with carbon monoxide monitoring (6-500)
- 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

GMI - PROTECTING ENVIRONMENTS . . . WORLDWIDE

GAS MEASUREMENT INSTRUMENTS LTD

The Operational Features and Ranges of the Gasurveyor 3-500 / 6-500 / 11-500

LEGEND

PRESS + HOLD button

SINGLE PRESS button

DOUBLE PRESS button

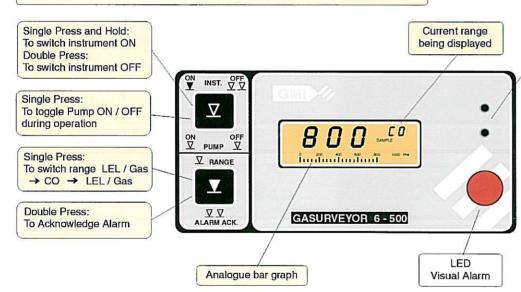
Gasurveyor 3 - 500

Gasurveyor 6 - 500:

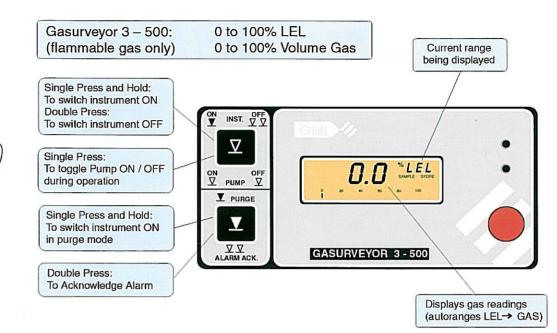
0 to 100% LEL Flammable

0 to 100% Volume Gas Flammable

0 to 1000ppm Carbon Monoxide



Gasurveyor 11 - 500



Infra red communication port

Gasurveyor 6 - 500

