



Oxygas® 500 - Oxygas® P-500



A combination instrument for your Leak detection and Purging / Inerting operations.



Features

- Combustible Gas Indicator (CGI) and Purge modes.
- Simple 2-button operation, allowing user access to all features.
- Audible and Visual Geiger (Ticker) in PPM range (Oxygas P-500 only).
- Integral pump.
- Optional Alkaline Cells or Rechargeable Battery Pack.
- Proven track record for reliability.
- 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).
- Comprehensive range of accessories.
- ATEX approved.
- Directly interfaces with the GMI Auto Test Calibration Units.



Oxygas® 500 - Oxygas® P-500

Technical Specification

Measuring Ranges:	0 to 25% Oxygen (O ₂) 0 to 100% VOL GAS 0 to 100% LEL 0 to 1000 PPM Flammable (Oxygas P-500 only)	
Resolution:	Oxygen (O ₂)	0 to 21% 21% to 25% 0.1% 1%
	Vol Gas	0 to 100% 1%
	LEL	0 to 10% 10% to 100% 0.1% 1%
	PPM Flam.	0 to 1000 5 ppm
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 9 hours Rechargeable at 20°C (68°F)	
Construction:	Moulded polypropylene case	
Rating:	IP54 (Dust protected and splashproof)	
Geiger (Ticker):	Indicates gas concentration increase in PPM range via the increased rate of sounder and LED pulse (Oxygas P-500 only)	
Sensor Life:	Flammable 5 Years Oxygen 2 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	



Ordering Information And Accessories

42501X	OXYGAS® 500 (Alkaline)
42501XR	OXYGAS® 500 (Rechargeable)
42501P	OXYGAS® P-500 (Alkaline)
42501PR	OXYGAS® P-500 (Rechargeable)
Above instruments are supplied with: Field Carrying Case; Shoulder Harness; 4mm Hex Driver; LR20 Batteries x 4 (if applicable); Clear Sample Line 1.5m; Plastic Probe 35cm Solid End; Probe Handle c/w Filters; Sample Line 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
13427	Plastic Probe - 35 cm Open End
12393	Plastic Probe - 80 cm Solid End

Accessories (Oxygas P-500 only)

13561	Probe Handle
13562	Probe Handle Adaptor Assembly (use with 13561)
42184	In-line Dust Filter Assembly (use with 13561)
42183	In-line Water Filter Assembly (use with 13561)
13563	Bellows Cup Probe (use with 13561)
12393	Swan Neck Probe c/w Shroud (use with 13561)

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

