The Fast Response Gas Detector

The GMI Leak Surveyor combines quality, ruggedness and advanced GMI Technology in a user friendly, portable gas detector. The integral fast response and high sensitivity semiconductor sensor enables leakage surveys to be performed and distribution leaks to be quickly found.

FEATURES

- Integral Semiconductor Sensor (Range 0 - 10,000 ppm), providing fast response leak detection
- PPM, LEL and Volume flammable gas ranges for leak detection, general safety monitoring and barhoring
- Audible and visual ‘Geiger’ alarm indication on ppm range
- Integral pump with pressure sensor for flow fail detection with sample path protected by hydrophobic filter
- Rugged polypropylene case, sealed to IP54 rating, suitable for outdoor use
- Simple button operation allowing access to all features
- Rechargeable or alkaline battery options
- Compatible with the full range of GMI accessories
- Fully certified to international standards

GMI - PROTECTING ENVIRONMENTS . . . WORLDWIDE
Measuring Ranges
0 to 10,000 ppm (Semiconductor Sensor)
0 to 100% LEL (Catalytic Sensor)
0 to 100% Volume Gas (Thermal Conductivity Sensor)

Display
LCD with backlighting

Resolution
ppm 0 to 499  1 ppm
500 to 10000  10 ppm

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

Vol 0 to 100%  1%

Gas

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

Sampling System
Integral pump with semiconductor pressure sensor
for flow fail detection. Sample path is protected by
hydrophobic filter.

Physical Properties
Weight: 1.7 kg
Dimensions: 180mm (7.10in) x 95mm (3.74in) x 105mm
(4.13in)

Construction / Protection Rating
Moulded polypropylene case protected to IP54

Power Supply
4 'D' size Alkaline Cells or Rechargeable Battery Pack

Battery Life
Alkaline 21 Hours
Rechargeable 16 Hours

Sensor Life
5 Years

Environment
Temperature Limits -20°C to +50°C (-4°F to +122°F)
Humidity: 0 to 95% R.H. non-condensing

Certification
ATEX II 2G EEx ia IIB T3
UL 913 Class I Groups C and D

Ordering Information

Description                                                                 Part No.
Leak Surveyor (Alkaline) Methane Calibration                               44512L
Leak Surveyor (Rechargeable) Methane Calibration                           44512LR

Note: Both instruments are supplied with - Harness;
4mm Hex. Driver; 1m Clear Sample Line; Handbook;
Quick Operation Guide.

Accessories                                                              Part No.
Standard Accessory Case (A)                                              42466
Gas Industry Survey Case (B)                                             12590

Note: An A or B suffix in the following list identifies the
provision for that particular accessory in case A, case B or
both cases. Accessories without this identification can only
be supplied as loose items.

Survey Probes                                                           Part No.
Carpet Probe                                                             13535
Survey Probe Handle (B)                                                 13561
Survey Probe Handle Adaptor (B)                                          13562
Bellows Survey Probe (B)                                                13563
Swan Neck Survey Probe                                                  13655
or
Dust Filter Assembly c/w Filters (B)                                    42184
or
Water Filter Assembly c/w Filters (B)                                   42183
* use with 13561

Barholing Probes                                                        Part No.
Std. Probe Handle c/w Filters (A)                                       12481
Small Plastic Probe - Solid End (A)                                      12480
or
Large Plastic Probe - Solid End                                        12393

Leak Testing Probes                                                     Part No.
Std. Probe Handle c/w Filters (A)                                       12481
Small Plastic Probe - Open End (A)                                       13427
or
Flexible Sampling Probe                                                 42400

Standard Chargers                                                        Part No.
c/w Power Supply - UK Plug (A)                                          13184
or
c/w Power Supply - Euro Plug (A)                                        13317
or
c/w Power Supply - USA Plug (A)                                         13322
or
c/w Power Supply - Australian Plug (A)                                  12888

For a comprehensive list of probes, accessories and
calibration gases, contact GMI Ltd.

GMI Head Office:
Inchinnan Business Park,
Renfrew, PA4 5RG, Scotland.
Tel: +44 (0) 141-812 3211  Fax: +44 (0) 141-812 7820
www.gmiuk.com
e-mail sales@gmiuk.com
Service / Repair Centre:
Crownhill, 25 Cochran Close,
Miln Keynes, MK9 OAD.
Tel: +44 (0) 1908 598867  Fax: +44 (0) 1908 261066

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