The GMI Leaksurveyor 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 barholing.
- 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.
TECHNICAL SPECIFICATION

Measuring Ranges:
- 0 to 10,000 ppm (Semiconductor Sensor)
- 0 to 100% LEL (Catalytic Sensor)
- 0 to 100% Volume Gas (Thermal Conductivity Sensor)

Resolution:
- ppm: 0 to 499 (1 ppm), 500 to 10,000 (10 ppm)
- LEL: 0 to 10% (0.1%), 10% to 100% (1%)
- Vol Gas: 0 to 100% (1%)

Dimensions: 180 x 95 x 105 mm / 7.1 x 3.7 x 4.1in.

Weight: 1.7 kg / 3.75 lbs

Display: LCD with automatic backlighting

Humidity: 0-100% R.H. non-condensing

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

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

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

Battery: 4 ‘D’ size Alkaline Cells or Rechargeable Battery Pack

Battery Life: 21 hours Alkaline or 18 hours Rechargeable

Construction: Moulded polypropylene case

Rating: IP54 (Dust protected and splashproof)

Sensor Life: 5 Years

Certification: ATEX Ex II 2 G EEx ia d IIB T3 (Ta = -20°C to +50°C)
EEEx Ex d ia IIB T3 (-20°C ≤ Tamb ≤ +50°C)
UL 913 Class I Groups C and D

ORDERING INFORMATION AND ACCESSORIES

Description
- 44512L: Leaksurveyor (Alkaline) Methane Calibration
- 44512LR: Leaksurveyor (Rechargeable) Methane Calibration

Note: Both instruments are supplied with -
Harness; 4mm Hex Driver; 1.5m Clear Sample Line;
User Handbook; Quick Operation Guide

Accessories
- 42141: Standard Accessory Case - Items marked ‘STD’ included
- 42151: Gas Industry Survey Case - Items marked ‘GS’ included

Survey Probes
- 13535: Carpet Probe
- 13561: Survey Probe Handle (GS)
- 13562: and Survey Probe Handle Adaptor (GS)
- 13563: Bellow Survey Probe (GS)
- 13655: or Swan Neck Survey Probe c/w Shroud (GS)
- 42800: Extended Survey Probe Assembly (GS)
- 42605: In-line Double Filter Assembly (GS) - use with 13561

Barholing Probes
- 12481: Std. Probe Handle c/w Filters (STD)
- 12480: and Small Plastic Probe - Solid End (STD)
- 12393: or Large Plastic Probe - Solid End

Leak Testing Probes
- 12481: Std. Probe Handle c/w Filters (STD)
- 13427: and Small Plastic Probe - Open End (STD)
- 42400: or Flexible Sampling Probe

Chargers
- 13844: Universal Power Supply
- 14810: In-Vehicle Charger
- 14815: Desktop Charger

Calibration
- 14800: Mobile Bump / Calibration Station
- 14750: Auto Calibration Package c/w GDUnet, s/w & (6mm) fittings
- 14750Q: Auto Calibration Package c/w GDUnet, s/w & (1/4in.) fittings

For a comprehensive list of probes, accessories and calibration gases, contact your local distributor, or alternatively, GMI Ltd.