

The Multi-Function Gas Detector

The GMI - GT range of instruments combine quality, ruggedness and advanced GMI Technology in a user friendly, hand held gas detector. The multi-application GT series will satisfy all your gas detection requirements in a single, easy to use instrument.

LEAK TEST

CONFINED SPACE

BARHOLE

CARBON MONOXIDE

PURGE

SNIFFER

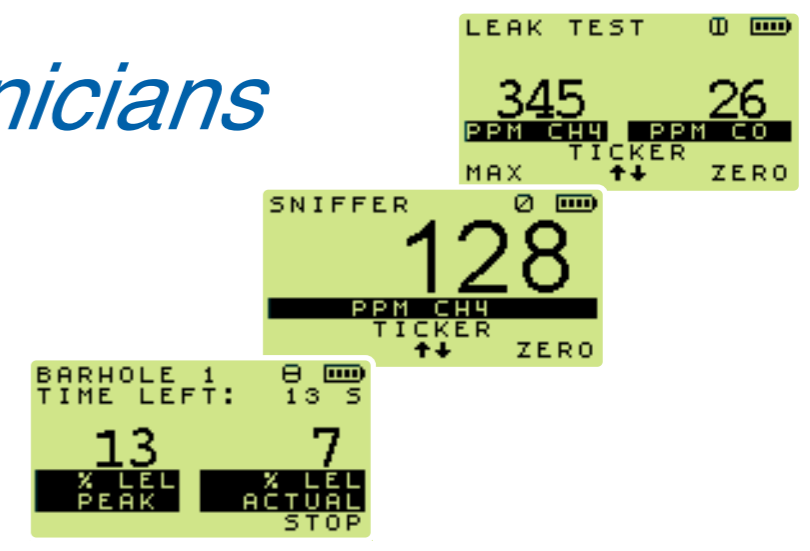
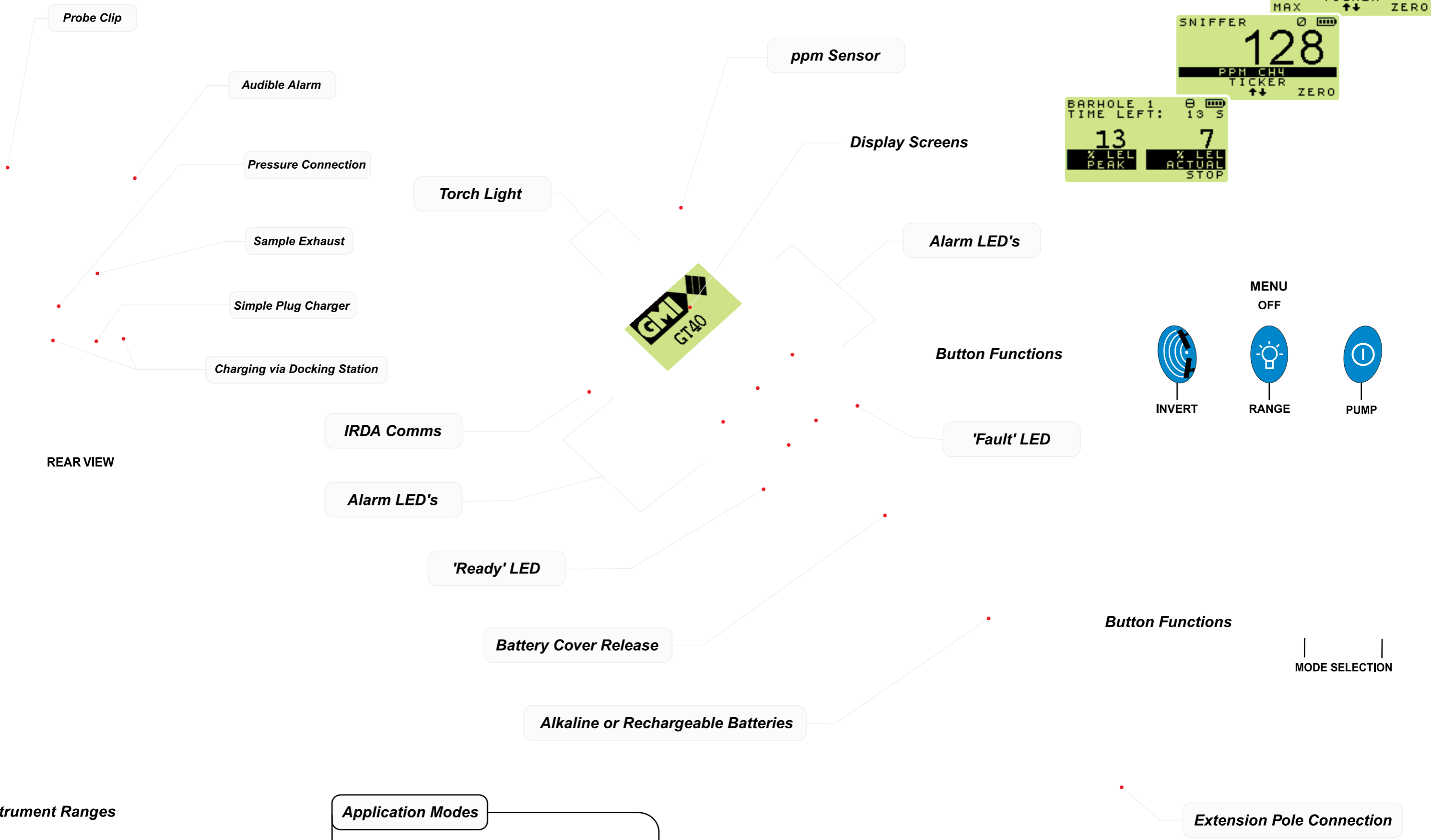
PRESSURE



FEATURES

- ◆ Multi-application Gas Detector.
- ◆ PPM , LEL and Volume flammable gas ranges for leak detection.
- ◆ 0 - 36" Water Gauge for tightness testing.
- ◆ Manual / Automatic datalogging.
- ◆ Audible / Visual 'Geiger' (Ticker) indication on ppm range.
- ◆ Loud audible and high visibility alarms.
- ◆ Large button operation with simple display prompts.
- ◆ Integral torch lighting.
- ◆ Alkaline or Rechargeable battery options. Charging via simple plug or docking station.
- ◆ Rugged polycarbonate case, sealed to IP54 rating and suitable for outdoor use.

Designed for us by you . . . The **Gas Technicians**



REAR VIEW

Instrument Ranges

Application Modes

0	LEAK TEST
Purge	CONFINED SPACE
Sniffer	BARHOLE
Pressure	CO
	PURGE
	SNIFFER
	PRESSURE
	OK



MODE SELECTION



SPECIFICATION

Measuring Ranges

- 0 to 10,000 ppm Flammable (Semiconductor Sensor)
- 0 to 100% LEL Flammable
- 0 to 100% Volume Gas Flammable
- 0 to 25% Oxygen (O₂)
- 0 to 2000 ppm Carbon Monoxide (CO)
- 0 to 100 ppm Hydrogen Sulphide (H₂S)
- 0 to 36 in. (or 0 to 90 mBar) Water Gauge

Display

LCD with backlighting

Resolution

ppm	0 to 499 500 to 10000	1 ppm 10 ppm
LEL	0 to 10% 10% to 100%	0.1% 1%
Vol Gas	0 to 100%	1%
Oxygen	0 to 25%	0.1%
Carbon Monoxide	0 to 2000 ppm	1 ppm
Hydrogen Sulphide	0 to 100 ppm	1 ppm
Water Gauge	0 to 36 ins H ₂ O or 0 to 90 mBar	0.1 ins. 1mBar

Alarms

Highly visible flashing LED's on both sides of casing
Sounder in excess of 80dB(A), typically 85dB(A) @ 12in.

Sampling System

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

Physical Properties

Weight (Incl. Probe and Batteries): 0.78 kg (1.7 lbs)
Dimensions (Excl. Probe): 290mm (11.4in) x 95mm (3.7in) x 55mm (2.2in)

Construction / Protection Rating

Moulded polycarbonate / ABS case protected to IP54

Power Supply

3 x (LR14) Alkaline or Rechargeable Batteries

Battery Life

Alkaline 8 Hours
Rechargeable 6 Hours

Environment

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

Certification (Applied for)

CLASSIFIED
 UL 913 Class I Groups C and D

ATEX II 2G EEx iad IIB T3



Ordering Information

Instrument Only	Part No.	
GT-40 (LEL / GAS / CO)	67400	<input type="checkbox"/>
GT-41 (LEL / GAS / O ₂)	67410	<input type="checkbox"/>
GT-42 (LEL / GAS / CO / O ₂)	67420	<input type="checkbox"/>
GT-43 (LEL / GAS / CO / O ₂ / H ₂ S)	67430	<input type="checkbox"/>
GT-44 (LEL / GAS)	67440	<input type="checkbox"/>

Note: The above instruments are supplied with - User Handbook ; Quick Operating Instructions ; Calibration Certificate ; Configuration Report.

Instrument c/w Case & Accessories

GT-40 (LEL / GAS / CO)	67401	<input type="checkbox"/>
GT-41 (LEL / GAS / O ₂)	67411	<input type="checkbox"/>
GT-42 (LEL / GAS / CO / O ₂)	67421	<input type="checkbox"/>
GT-43 (LEL / GAS / CO / O ₂ / H ₂ S)	67431	<input type="checkbox"/>
GT-44 (LEL / GAS)	67441	<input type="checkbox"/>

Note: The above instruments are supplied in a carrying case with - Solid End Probe ; 1.5 metre Tygon Tubing ; Filter (Box of 10) ; Wrist Strap ; User Handbook ; Quick Operating Instructions ; Calibration Certificate ; Configuration Report.

Accessories

Carrying Case	67108	<input type="checkbox"/>
Probe Filter - Box of 10	67113	<input type="checkbox"/>
35cm. Solid End Probe	12480	<input type="checkbox"/>
80cm. Solid End (Barhole) Probe	12393	<input type="checkbox"/>
Stainless Steel (Flue) Probe	67185	<input type="checkbox"/>
Sample Line (Tygon) - per metre	12712	<input type="checkbox"/>
3m. Sample Line (Tygon)	66118	<input type="checkbox"/>
Probe Handle	12481	<input type="checkbox"/>
c/w Cotton and Hydrophobic Filters		
Cotton Filter - Box of 10 (for 12481)	10077	<input type="checkbox"/>
Hydrophobic Filter (for 12481)	12358	<input type="checkbox"/>
Wrist Strap	67095	<input type="checkbox"/>
Protective Rubber Boot	67120	<input type="checkbox"/>
Charging Station (use with charger *)	67101	<input type="checkbox"/>
* Standard Charger (UK Plug)	67134	<input type="checkbox"/>
* Standard Charger (Euro Plug)	67132	<input type="checkbox"/>
* Standard Charger (USA Plug)	67133	<input type="checkbox"/>
* Standard Charger (Australian Plug)	67135	<input type="checkbox"/>
Wall Mount Storage Clip	67073	<input type="checkbox"/>
12V / 24V Vehicle Charger Lead	67186	<input type="checkbox"/>
Calibration Station (Mixed Gases)	67102	<input type="checkbox"/>
Calibration Station (Individual Gases)	67109	<input type="checkbox"/>
GT Configuration System	67190	<input type="checkbox"/>
GT ManCal System	67191	<input type="checkbox"/>

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



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