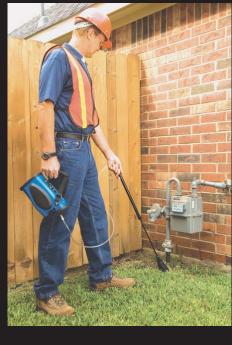
DP-IR A New Look In Leak Survey







The **GMI** Detecto Pak-Infrared (DP-IR[™]) is a highly advanced technology capable of detecting methane without false alarming on other gases. The DP-IR is the latest of a new generation of leak survey instruments from **GMI** that will greatly improve the productivity and safety of a walking/mobile survey.

The DP-IR functions by using an infrared optical gas detection system. This instrument is intended to replace the current surveying equipment using the traditional Flame lonization with next generation technology utilizing a simple light beam, eliminating the need for expensive gas cylinders and refill systems. It is designed to be selective to detecting methane only, and will not false alarm on other hydrocarbon gases. The DP-IR operates under a variety of environmental conditions including cold or hot weather. Its rugged design will stand up to normal field use and operating conditions.

The DP-IR has built-in Self-test and Zero functions that will assure that the instrument is operating properly. Using the internal calibration cell, the operator can perform the self-test as part of a daily start up routine. While in operation, the DP-IR continuously monitors several parameters to ensure that the instrument is functioning properly. Should any of these parameters go outside of the operational limits, an audible alarm will sound and a Fault/Warning error message will be displayed.







DP-IR Kit includes:

Carrying case, battery charger, shoulder strap, survey probe, bar hole probe, dust filters, water filter and CD manual.

Detection Method:	Infrared Controlled Interference Polarization Spectrometer
Measurement Range:	0 to 10,000 PPM0 to 100%Gas
Display Range:	Auto Scaling: Manual select: PPM: 0-10,000 PPM scale: 0-10,000 %Gas: 1-100% %Gas scale: 0-100%
Sensitivity:	0-1000 PPM: 1 PPM 1000-10,000 PPM: 5 PPM 1-100%Gas: 0.5
Accuracy:	+/-10% of reading (typical, std condition)
Detection Alarms Modes:	Digital Methane Detection (DMD): Audible tone when detection threshold exceeded. Adjustable Alarm Level from 1 to 9,000 PPM Tick: Continuous audio tone relative to concentration
System Fault Warning:	Audible tone and indication on the display
Self Test & Calibration:	Built in Self Test and Calibration function verifies operation and adjusts calibration for maximum sensitivity. Test gas cell integrated within the instrument.
Compliance:	EN 61326-1Conducted Emissions Class BEN 61326-1Radiated Emissions Class BEN 61000-4-2 4kV/8kVANSI C63.4 Class BEN 61000-4-3 3 V/MFCC 47 CFR Part 15 Class BEN 61000-4-3 3 V/M
Dust & Water Filter:	Replaceable filter provides dust protection. Easy change out quick disconnect filter cap.
Display:	Large easy to read backlit LCD (.75" Numeric)
Operating Temperature:	0 to + 122 F (-18 to 50 C)
Humidity:	5 to 95% RH, non-condensing
Enclosure:	IP54 (Water splash and Dust resistant)
Instrument Weight:	5.6 lbs.
Carry Case:	13 lbs empty; 21lbs filled 24 1/2" x 21" x 9"
Power Supply:	Internal rechargeable Li-ion battery or External 12vdc car battery with power conditioner
Battery Operating Life:	8 hours at 32° F with out backlight on
Battery Charger:	External, in-line, 110 - 240 VAC, 50 / 60 hertz. 6 hours maximum to full charg
Shoulder Strap:	Single over the shoulder padded strap
Alarm Volume:	108 dB @ Alarm port (A-fast)
Survey Probe:	Quick connect fitting with locking clasp. Adjustable length from 25" to 41"
Bar hole Probe:	Std: 12"; Optional 36"



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