GASMET DX4040 FEATURES

FOURIER TRANSFORM INFRARED SPECTROSCOPY (FTIR) ANALYSIS

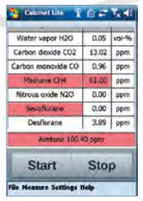
- Identification of both organic & inorganic compounds
- Multi-compound analysis as standard (max. 25 compounds analyzed simultaneously with *Calcmet Lite*)
- Cross-interferences automatically compensated for in the analysis
- Possibility to store sample spectra for post-measurement analysis with Laptop PC and *Calcmet Pro* (5000+ compound chemical library available for identification of unknowns)

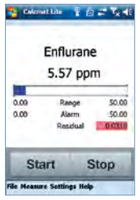
LOW OPERATING COSTS AND RUGGED CONSTRUCTION

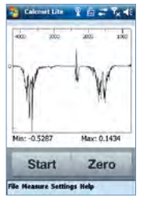
- No sensors etc. that would need replacing on regular basis
- Corrosion & contamination resistant materials
- Calibration checks are not needed; only zero calibration with nitrogen or air

QUICK TO SET-UP AND EASY TO USE

- No sample preparation needed
- Battery operated with several hours of operating time
- Truly portable with wireless connection between analyzer and handheld PDA







Gasmet DX4040 is standard equipped with an IP67 rated PDA and Calcmet Lite software. Large touchscreen buttons and keypad are easy to use even in demanding field conditions. All measured data is stored on the PDA and can be sent as e-mail messages with the built-in 3G modem and Wireless LAN adapter.

Gasmet™
Advanced Solutions for Gas Monitoring.

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GASMET TECHNOLOGIES HAS BEEN LEADING THE WAY IN BRINGING THE ADVANCED FTIR – MEASUREMENT TECHNOLOGY TO ON-LINE & ON-SITE GAS MONITORING APPLICATIONS, SUCH AS CONTINUOUS EMISSIONS MONITORING IN WASTE INCINERATORS AND STACK TESTING. GASMET TECHNOLOGIES IS COMMITTED TO PROVIDE OUR CUSTOMERS WITH THE BEST POSSIBLE SUPPORT THROUGH OUR EXTENSIVE NETWORK OF REPRESENTATIVES.

Gasmet™
Advanced Solutions for Gas Monitoring.

GASMET DX4040 PORTABLE AMBIENT AIR ANALYZER

The advanced, easy-to-use Gasmet DX4040 FTIR Gas Analyzer is one of the most powerful instruments available for gas analysis.

BRING THE LABORATORY TO THE SITE

The Gasmet DX4040 FTIR gas analyzer can detect up to 25 gases simultaneously providing validated results in 25 seconds. Fourier Transform Infrared Spectroscopy (FTIR) provides reliable measurements with low detection limits & true multi-compound analysis capability. The library of measured gases can be changed by the user through an easy to use interface, providing exceptional flexibility and ability to respond to any measurement requirement in the field.

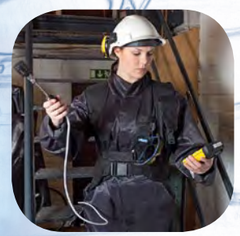
Measurement with the DX4040 is easy; sample gas is drawn into the analyzer with a built-in pump through a handheld particle filter and Tygon tubing. The analyzer runs in continuous mode, measuring time-weighted averages of user definable length from 1 second to 5 minutes. The Gasmet DX4040 is capable of sub-ppm detection limits without using sorbent traps for sample pre-concentration, which guarantees fast response times. Zero calibration with clean air or nitrogen is the only calibration required, carrier gases, special test gases or other consumables are not needed.

USER FRIENDLY

Gasmet DX4040 comes with a rugged PDA with Calcmet software. Single button operation and on-screen instructions in Calcmet Lite make the instrument easy to use, while Calcmet Professional lets power users take full control of the FTIR instrument.

MULTIPLE USES

Gasmet DX4040 can be used in a variety of ways. Short measuring times (5 sec) allow quick identification of gases while longer measuring times (1 – 3 min) enable trace gas analysis. Built-in GPS and digital camera can be used to link measurements to geographic coordinates and a photograph of emission site.



AREAS OF APPLICATION

INDUSTRIAL HYGIENE

Workplace Air Quality measurement of Volatile Organic Compounds for regulatory compliance testing.

HOSPITALS

Anesthetic gases, sterilizer gases, laboratory solvents.

LEAK DETECTION

Vocs, freons, inorganic gases – all with a single analyzer.

FUMIGANTS

Detection of residual fumigants.

SOIL GAS MEASUREMENTS

Identification of Chlorinated Hydrocarbons and BTEX at remediation sites.

FIRST RESPONDERS & HAZMAT TEAMS

Identification and Quantification of Toxic Industrial Chemicals and Chemical Warfare Agents.