

New Generation Portable FTIR Multi -Component Gas Analyzer

Bringing the Laboratory to the Workplace

Semi Conductor Application :



One Analyzer

Emergency Response or Routine Workplace Safety



Gases include :

- SiF_4
- PH_3
- BCl_3
- GeCl_4
- HBr
- AsH_3
- B_2H_6
- SiH_4
- WF_6

Identify Unknown gases by searching NIST/EPA library of over 5,000 gases

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Gas measurement results easily viewed and stored on rugged field PDA running Calcmeter Lite software on Windows Mobile® platform. Convenient download of results using usb port.



Using latest FTIR measurement technology, absolutely no sample preparation required, no replacement of tapes or sensors and NO span calibrations“ever”. Daily zero with N₂ only

Detection of PFC's

Compound name	Formula	CAS number	Range	Unit	*Detection limit in N ₂ (ppm) LDL
Freon 14 (Carbon tetrafluoride)	CF ₄	75-73-0	50	ppm	0.008
Freon 116 (Hexafluoroethane)	C ₂ F ₆	76-16-4	50	ppm	0.005
Freon 218 (Perfluoropropane)	C ₃ F ₈	76-19-7	50	ppm	0.005
Freon C 318 (Octafluorocyclobutane)	C ₄ F ₈	115-25-3	50	ppm	0.013

Gasmet Technologies is a high-technology company that develops and manufactures the Gasmet™ line of industrial FTIR gas analyzers. The first generation of Gasmet™ gas analyzers were launched in 1993 and since then the success has continued with a stream of new and innovative products, including the unique Gasmet™ In Situ & new generation DX-4030, the world's first truly portable FTIR Gas Analyzer.

The Gasmet™ analyzers are built to meet the standards of the most stringent of certifications, including TÜV, MCERTS and USEPA & ASTM Testing Methods. Gasmet has also adopted the ISO 9001 Quality Management System. Extreme robustness using suspension and shock absorbers allows the Gasmet™ analyzers to meet the MIL-STD-810C standard.

Gasmet Products

