



Press Release

Hand Held FTIR with Diffuse Reflectance Capability for Soil Analysis

November 16th, 2009, Danbury CT

A2 Technologies' Exoscan, the portable FTIR system with diffuse reflectance sampling capability, is finding rapid acceptance by scientists involved in all aspects of soil analysis. Researchers in forensic soil analysis, land management and environmental geochemistry have rapidly embraced this new technology. With FTIR spectroscopy, specific inorganic and organic components in soil can be identified and quantified, providing unique insight into the composition and origin of soils.

Exoscan is a hand-held spectrometer that has the performance of traditional laboratory spectrometers, but can be used in the field for direct sample measurement, as well as in the lab for methods development and data analysis. The optically matched diffuse reflectance sampling interface is particularly well suited for measuring samples that tend to scatter light, such as soil.

The availability of real-time, field based FTIR spectroscopy means that samples do not need to be sent back to a lab for analysis. Thus, the scientist can identify and focus attention on field sites of particular interest, while reducing the number of less useful samples that need to be measured. Soil scientists throughout the world are employing the Exoscan with diffuse reflectance sampling interface and describe it as a significant new capability for understanding soil chemistry.

For more information on Exoscan and its extended capabilities for lab and field use, please contact A2 Technologies Headquarters at 203.312.1100 email: info@a2technologies.com or Internationally, A2 Technologies LLC in Europe / Asia on telephone +44 7765 970 210 or email intlinfo@a2technologies.net.

Visit us online at: <http://www.a2technologies.com>

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About A2 Technologies

Headquartered in Danbury, Connecticut, A2 Technologies is specializes in FTIR Technology for lab and field use. A2 Technologies manufactures and develops portable FT-IR spectrometers designed for the analytical needs of the petrochemical, environmental, aerospace, art conservation, academia, geoscience general environments where there is a need for analysis. The portable FT-IR analyzers extend the proven capabilities of Fourier Transform infrared technology by rendering sample preparation obsolete and ensuring real time results.



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