Cerex Micro FTIR

FTIR Multi-Gas Analyzer

Designed to obtain the highest level of portable FTIR performance possible during **ambient air and cool dry process monitoring** of IR-detectable species

Features

- Extremely low minimum detection limits (parts per billion) and broadband FTIR sensitivity

- Low cost, no maintenance, high resolution spectrometer with DTGS detector

- Field ruggedized thermoplastic enclosure; less weight than competing FTIR instruments

- Low cost of ownership, no-maintenance; only 3 consumables: IR source, sample & case air filters

- Standard battery offers 3 hours operation; easily swap battery without tools, or continuous operation on AC power

- Low volume sample cell with 4.5 meter path

- User-configurable gas library with access to 350 compounds in 0.5wn resolution

- Data output rates typically 15 sec. to 2 min

- Full remote control over network or internet; cellular-ready

- Continuous, automated background update - no cylinder gases or zero air required to update backgrounds

- Raw spectrographic information in .csv format for instant analysis, compared to "black box" solutions

- No calibration required; can be verified using certified gas cylinders

PRODUCT QUALITY ASSURANCE

Cerex Monitoring Solutions places customer service and support as its highest priority and commits to long standing relationships that do not end after the sale of an analyzer.

CEREX
MONITORING SOLUTIONS, LLC.

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Identifies the gas **and** quantifies the concentration with user selectable alarm limits

Building upon years of success with the SHEPHERD FTIR, the MICRO FTIR is Cerex's latest advancement in the field of highly accurate and transportable FTIR multi-gas point analyzers.

Using the same proprietary technology as its reputable bigger model, the MICRO FTIR features the same laboratory-sensitive quality **(low parts per billion detection limits)** in an even smaller, lighter, and compact casing.

It represents a viable solution for the monitoring of Hazardous Air Pollutants (HAPS), Toxic Industrial Chemicals (TIC), Chemical Warfare Agents (CWA), and general industrial gases. For identifying unknown gases, Cerex's software includes an "unknown analysis" feature.

USB Port

Status LED

Exterior

Interior

Touchscreen PC with full remote access (Inside)

General Specifications

Analyzer Model	Cerex Micro FTIR
Analyzer Type	Portable FTIR multi-gas / single gas or mixtures
Applications	Ambient Air Monitoring, Anesthetic / Hospital Monitoring, Chemical Manufacturing AQ, Chemical Warfare Agent Detection, Container Inspection, General Industrial Air Monitoring, HAZMAT, Indoor Air Monitoring, Leak Detection, Manufacturing Air Quality, Odor Complaint Response, Refinery Air Quality Fertilizer, Response Border Patrol Inspection, Stationary Source Monitoring (Cool, dry sample)
Minimum Detection Limit	Gas-specific, typical parts per billion
Instrument Cooling	Air Cooled (Fan)
Operating Conditions	**Temperature** 0°C to +35°C **Humidity** 0 to 100% Non-condensing General purpose atmospheres - not rated for HAZLOC zones
Installation	Portable or permanent installation within shelter
Interface	Integrated touchscreen PC with MS Windows™ 10/11 OS USB, WiFi

Scan here for more details

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