Cerex’s FTIR And UVDOAS Continuous Multigas Analyzer. Engineered specifically for low cost, high performance monitoring of cross process applications.

Meet the CEREX FT 5000+ ...

The Cerex FT 5000+ provides both FTIR and UVDOAS hot, wet Continuous Emissions Monitoring insitu. One analyzer per stack, no ancillary sample extraction costs, all compounds...

- **420 Compounds**
- **Dual Channel Analysis**
- **Integrated Networking**
- **Cannot be Poisoned**
- **Automated Reporting**
- **Low Maintenance Costs**
- **Customizable Alarms**
- **Mounts Directly to Your Stack**

...broad spectrum analysis for all your monitoring needs.

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CEREX FT 5000+

Model | FT 5000+
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Application | Multi-Gas FTIR & UVDOAS Cross Stack Analyzer
Maintenance | 
IR Source | 3 Year Life
UV Source | 4000 Hour Half Life Warranty
Installation | 
Operating Temperature | 0 to +35°C with Thermal Overload Protection
Extended Operating | -40 to +55°C Optional
Temperature Package | 
Operating Humidity | < 80% Non-Condensing
Power | 120VAC or 240VAC; 5A/2.5A
Enclosure | NEMA 4/4X
Hazardous Zone | Class 1 Div 2 Groups A,B,C,D (optional)
Mounting | Stack or Process Flange Mount
Path Length | .5 to 5 Meter One Way (Application Specific)

Weight / Dimensions | 
Enclosure | 70.3kg (155lbs)*
Cooling Accessory | 76.2cm x 76.2cm x 40.6cm (30in x 30in x 16in)*
| 18.14kg (40lbs)*
| 30.5cm x 30.5cm x 50.8cm (12in x 12in x 20in)*

Performance | 
Dynamic Range | Application Specific
Zero Drift | < 2% FS / 24hr, Self-Compensating (TYP)
Linearity Drift | < 2%, Self-Compensating (TYP)
Technology | FTIR & UVDOAS
Sample Rate | Application Specific

Data Output | 
Format | Summary File (.csv), Individual Spectral Scan (.csv), MODBUS RTU or TCP/IP, ASCII stream
Interface | Ethernet, WiFi 802.11bg, RS-232, RS-485
Optional Interface | 4-20mA with over range, RF Modem
Alarms | 
User Configured | Fully configurable concentration and TWA concentration alarm functionality.
| Temperature, power and maintenance alarms.
Output | Contact closure (relay), 4-20mA, alarms transmitted and stored with data

* For reference only, dimensions subject to change