

FT 5000+ FTIR + UVDOAS Multi-Gas Stack Analyzer



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

www.cerexms.com

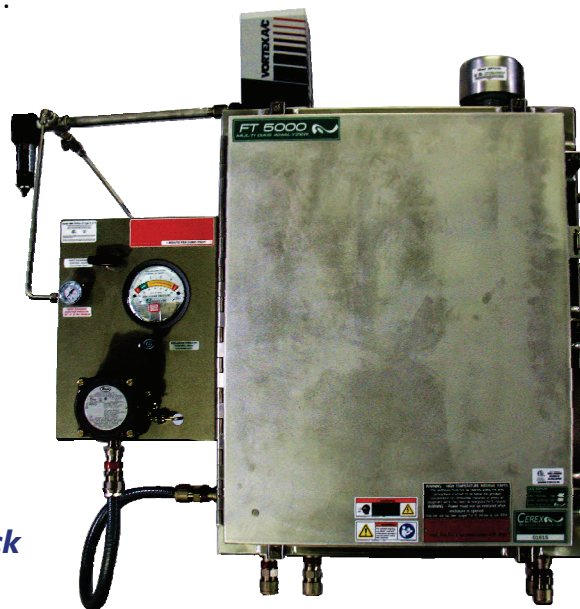
CONTACT :

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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**



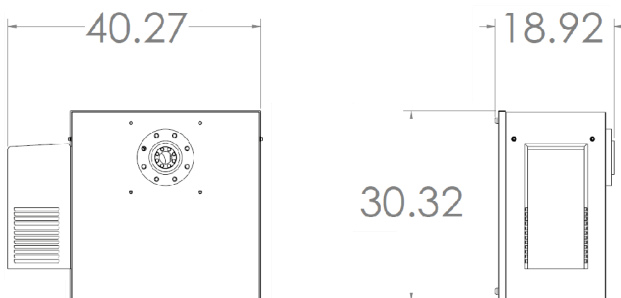
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...broad spectrum analysis for all your monitoring needs.



CEREX FT 5000+

Model	FT 5000+
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 Temperature Package	-40 to +55C Optional
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)* 76.2cm x 76.2cm x 40.6cm (30in x 30in x 16in)*
Cooling Accessory	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

Three detector options to meet the specific application requirements.

Automatic Quality Assurance

No ancillary sample transport or conditioning costs or equipment.

No Delay in Detection
Alarms in seconds

User Configurable Alarms
Data and Alarms can be automatically sent to e-mail, website, or control room

Outputs Available
4-20mA, serial, MODBUS, digital, relay...

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