

## FT 5000

FTIR Multi-Gas Stack Analyzer



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

[www.cerexms.com](http://www.cerexms.com)

CONTACT:

1816 Briarwood Industrial Court, Suite D  
Atlanta, GA. 30329  
678-570-6662  
[www.cerexms.com](http://www.cerexms.com)  
[sales@cerexms.com](mailto:sales@cerexms.com)

### Meet the CEREX FT 5000 ...

Multi-gas analysis for hot, wet, Continuous Emissions Monitoring using advanced FTIR technology. The FT5000 is available with three detector options to meet exact monitoring requirements.

***Programmable Alarms***

***In situ, Hot, Wet***

***Automated Reporting***

***Cannot be Poisoned***

***Integrated Networking***

***Simple .csv Data Logging***

***Mounts Directly to Your Process***

***Automatic Zero/Span Check Options Available***



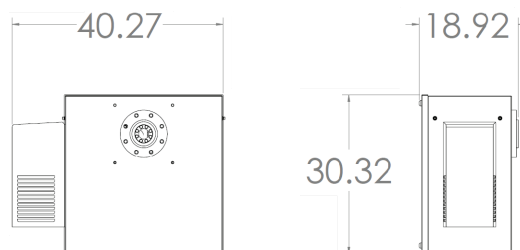
[sales@cerexms.com](mailto:sales@cerexms.com) 678-570-6662

...one device for all your Stack monitoring needs.



## CEREX FT 5000

Model	FT 5000
<b>Application</b>	Multi-Gas FTIR Cross Stack Analyzer
<b>Maintenance</b>	
Bulb Life	3 Year Half Life
<b>Installation</b>	
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	4' class 150 Flange
Path Length	.5 to 5 Meter One Way (Application Specific)
<b>Weight / Dimensions</b>	
Enclosure	45kg (100lbs)* 76.2cm x 76.2cm x 40.6cm (30" x 30" x 16")*
Cooling Accessory	18.14kg (40lbs)* 30.5cm x 30.5cm x 50.8cm (12" x 12" x 20")*
<b>Performance</b>	
Dynamic Range	Application Specific
Zero Drift	< 2% FS / 24hr, Self-Compensating (TYP)
Linearity Drift	< 2%, Self-Compensating (TYP)
Technology	FTIR
Sample Rate	Application Specific
<b>Data Output</b>	
Format	Summary File (.csv), Individual Spectral Scans (.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
<b>Alarms</b>	
User Configured	Fully configurable concentration and TUV averaged concentration alarm functionality.
Output	Temperature, power and maintenance alarms. Contact closure (relay), 4-20mA Alarms transmitted and stored with data



\* For reference only, dimensions subject to change

Three detector options to meet precise monitoring requirements.

Configurable Zero/Span Intervals

Mounts directly to Stack

No loss of water soluble compounds.

No ancillary sample transport or conditioning costs.

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, digital, relay, MODBUS

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