

# FT5000P

FTIR Multi-Gas Probe Analyzer



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

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

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## The CEREX FT5000P...

The Cerex FT 5000P FTIR based Continuous Emissions Monitor provides industrial quality stack monitoring of hundreds of compounds. There are no ancillary costs for sample transport or conditioning equipment, and no ancillary equipment to introduce measurement uncertainty.

***Integrated Ethernet Communication***

***3 Year Source Life***

***Automated Reporting***

***Simple .csv Data Logging***

***Programmable Alarms***

***Custom Probe Lengths for Your Application***

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

***Optional MODBUS, Analog...***



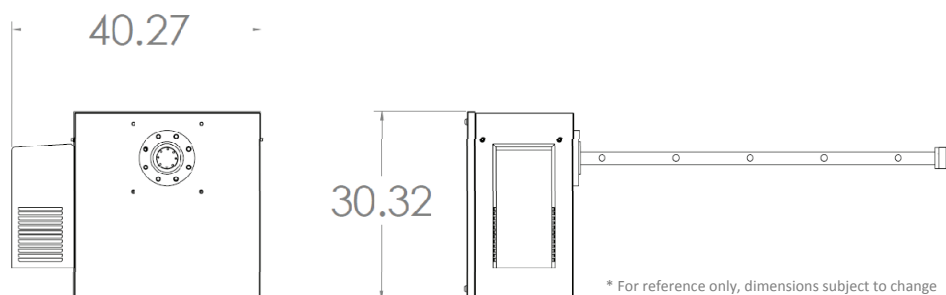
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...one device  
for all your in-situ monitoring



## CEREX FT5000P

Model	FT 5000 P
<b>Application</b>	Multi-Gas FTIR Probe Analyzer
<b>Maintenance</b>	
Bulb Life	3 Year Half Life Warranty
<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
Hazardous Zone	Class 1 Div 2 Groups A,B,C,D (optional)
Enclosure	NEMA 4/4X
Mounting	4" Class 150 Flange
Probe Length	0.1 to 1.7 Meter (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</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 TWA concentration alarm functionality. Temperature, power and maintenance alarms.
Output	Contact closure (relay), 4-20mA, alarms transmitted and stored with data



Available with three detector options to meet precise monitoring requirements.

Configurable Zero/Span Intervals

No ancillary sample extraction or condition costs.

No Delay in Detection  
Programmable Sample Rate

Simplified Integration

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

Probe configured for the exact application.

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