

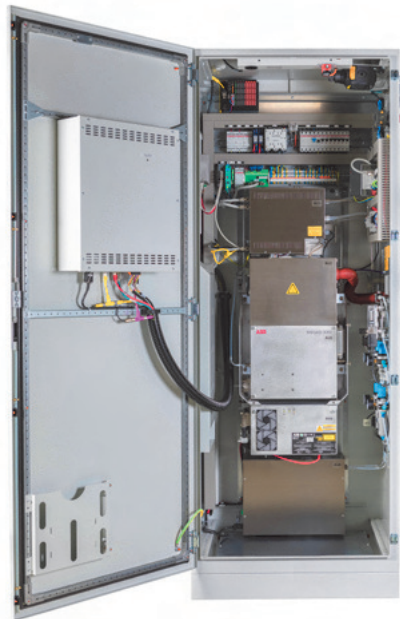
ACF5000 hot/wet extractive system

The benchmark in FTIR based CEMS

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01 ACF5000
hot/wet system
for emission and
process monitoring

ACF5000 is a fully certified analyzer system to accurately monitor the composition of exhaust gases.

- A completely pre-engineered CEM system for easy operation
- With longest maintenance interval in the market
- Worldwide certified support



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ACF5000 offers

- Measurement of 15 gas components
- Hot/wet extractive measurement
- Powerful FTIR technology
- Proven FID and ZrO₂ sensors to measure the unburned hydrocarbons and the oxygen content
- Completely pre-engineered system with a compact and modular design
- Communication, control and maintenance via Modbus and Ethernet/TCP or modem
- Technical drawings digitally available by emailing on the day of quoting

International certifications

- TÜV certification according to the German and European requirements, EU Directive 2010/75/EU and EN 14181
- MCERTS certified in United Kingdom
- Compliant to US and Canadian EPA requirements

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ACF5000 measures typically NO, NO₂, N₂O, NH₃, SO₂, HCl, CO, CO₂, CH₄, H₂O, HF, O₂, VOC, including water soluble components.

ACF5000 benefits

Reliable

- More than 25 years' experience with FTIR spectrometers in gas analysis and experience with thousands of installations worldwide
- Fully compliant to European and international legislations
- Worldwide support through certified service engineers

Flexible

- Ready for operation – electrical power, instrument air and hydrogen supply are needed
- Easy adding of further measuring components – no additional hardware needed
- Extra gas port to connect other analyzers – no need for a separate probe

Profitable

- Saving time and money with automatic validation through built-in validation cell without need for test gas cylinders
- Longest maintenance interval in the market
- Maintenance-free sample transportation through aspirator pump
- Cost reduction for routine maintenance through remote control and diagnosis