

Temporary (Rental) Stack Monitoring System

System Overview

Trace Environmental Rental CEMs are available to deploy at facilities throughout the U.S. to clients needing all of the functionality of a complete CEM system for periods ranging from one day to multiple months. It is used to meet plant process needs and can also be used to perform 30-day performance tests compliant with 40 CFR Part 60 Subpart Db. It is also used to collect stack emission data for model development of our PEM systems. It is a fully functioning CEM and reporting system in a climate controlled shelter on wheels. The system also has built in time sharing/stack switching functionality to enable the monitoring of two sources at once.

Like a typical CEM, it consists of a stack probe, stack flowmeter, heated sample line, rack with analyzers and PLC, and a PC running the State of the Art Trace DAS 2000 reporting software. Using a wireless modem, Trace can monitor and control the system remotely and the client can have reports and alarms e-mailed regularly.

System Details

- Stack Probe
- Stack Flowmeter
- Heated Sample Umbilical
- Analyzers monitoring:
NO_x, CO, O₂ wet, O₂ dry, SO₂,
Total Hydrocarbons and Moisture
- PLC
- PC with DAS 2000 software
- Remote access via wireless modem



Rental Terms

The Trace Rental CEMs is available for clients throughout the U.S. for periods ranging from 1 day to multiple months. Trace shall deliver the system and install it and commission it and will provide daily check in services via wireless modem.

About Trace Environmental Systems

Since 1995 Trace has been providing the highest quality of continuous stack monitoring and reporting systems along with support services. Trace provides CEMs, PEMs, reporting software, stack flow meters and support services including on site PM, CGA and RATA along with phone and remote access and report generation.