



CONTROL ANALYTICS, INC.

PROCESS AND ENVIRONMENTAL INSTRUMENTATION

(724) 837-8800

Continuous Emission Monitoring and Process Analytical Systems



Control Analytics, Inc.

Full service, state of the art analytical measurement systems integrator, service, training and component sales company.

Founded in 1990, CAI specializes in design, engineering, integration, service and training support to the industrial process and environmental gas and liquid measurement markets.

Our expertise with analyzer technologies, sample system design and implementation as well as service and support allows us to provide turnkey solutions to our clients' analyzer system needs.

Our major products, services and capabilities include:

Continuous Emission Monitors

- Dilution - Extractive - In-situ
- Low Cost Boiler MACT CEMS
- Mercury CEMS
- Part 75 & 60 Systems

Process Monitor Systems

- Refinery - Chem - Petro Chem
- Natural Gas Transmission
- Boiler Optimization

SCR Monitoring Systems

- NOx Monitors - Inlet/Outlet
- Ammonia Slip

Service Support

- Contract - Emergency
- 24/7 Phone Support
- RATA Support

System Components Sales

- Gas Analyzers
- Opacity and Flow
- Probes and Controllers
- Sample Conditioning Systems
- Flow Drawers
- Sample Lines
- Zero Air Systems
- DAS Systems and Reporting
- Shelters



Corporate Office—23,000 s/f manufacturing facility

Field sales and support offices in: N. OH, MI, KY, PA and TX

We offer:

- Full service distribution sales of parts and components
- Engineering and design services
- Service and Training support capabilities

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www.controlanalytics.com

sales@controlanalytics.com

CEM and Process System Integration



CAI Manufactures Integrated Systems for:

1. Continuous Emission Monitoring
 2. Natural Gas Measurement
 3. FTIR Systems
 4. Mercury Monitoring
 5. Hydrocarbon and VOC Monitoring
 6. Engine Emission Systems
 7. Boiler Optimization Monitoring
 8. SCR Inlet/Outlet Control Monitoring
 9. Analyzer Shelters
- Hazardous Area
General Purpose

Components

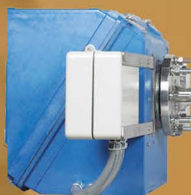
Custom Sample System Components: CAI engineers systems for liquids and gases in GC, FTIR, spectrophotometric, physical and elemental process analyzer applications.



Analyzers: NO_x, SO₂, CO, CO₂, O₂, H₂S, Total HC, VOC, Particulate, Formaldehyde, Ammonia, O₃, Water Vapor (H₂O), N₂O, Flow, Opacity, Pressure and Temperature plus many others.

Dilution Probe Controllers: Precision dilution air control, bypass loop control, pressure/vacuum parameter monitoring. Automated sample control to prevent contamination.

Sample Flow and Cal Drawers: Sample flow drawers for extractive sample systems and valve drawers for calibration gas delivery.



Probes: M&C dilution and straight extractive probes, mercury probes & portable probes.

Sample Dryers, Conditioners, Filters and Alarms: Panel or rack mount sample systems sized to meet the application's safety, physical property and analytical requirements.



Zero Air Systems: Zero and dilution air systems remove moisture, CO₂, SO₂, NO_x with optional CO and Hydrocarbon removal. Flows to 40LPM standard with higher flows optional. Suitable for multiple M&C probes and zero air delivery for calibrations.

Service Contracts Available

Guaranteed Emergency Support:

- A Service Contract with Control Analytics, Inc. guarantees a Service Technician will mobilize within 24 hours in the event a system problem cannot be resolved with telephone assistance or factory repair.

24/7 Telephone Support:

- Private # telephone support is available 24/7
- Access to a Control Analytics Technician with any questions or issues related to a CEM or Hg System.

Emergency Shipment of Spare Parts:

- In emergencies, Control Analytics, Inc. will provide expedited shipment and delivery, including commercial airline freight services, for in-stock parts during or outside of normal business hours. (Additional fees apply)

Priority Support:

- Service Contract clients receive priority emergency support for both site visits and in-house repairs.



Our Clients include:

Allegheny Energy
American Electric Power
Babcock & Wilcox
Babcock Power
Cinergy - Duke
Consumers Energy
Dominion

Dow Chemical
DuPont
E-On US
First Energy
GenOn
Hoosier Energy
Husky Petroleum

Marathon Petroleum
Midwest Energy
NV Energy
Ohio Valley Electric
Shaw Stone & Webster
US Steel
Washington Group/URS



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