- Core Measurements
  - CO
  - CO_2
  - NOx
  - SO_2
  - O_2
  - Flow
  - Dust
- Optional Measurements
  - Formaldehyde
  - Ammonia
  - Hydrogen Sulfide
  - Methane
  - Hydrogen Chloride
  - Hydrogen Fluoride
  - Others

Various concentration ranges available to meet your specific application

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1 888 876 2611 toll free

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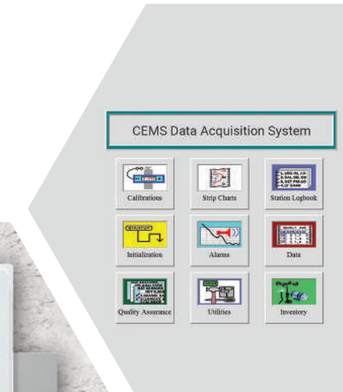
Cleveland, OH 44139 USA

Ohio Lumex CEM Systems

- MEGA™ Continuous Emissions Monitor (CEMS)
  - CO, CO_2, NOx, SO_2, O_2, Others
- Dust Monitors
- Flow Monitors
- Data Acquisition Systems (DAS)



Applications

- Power
- Cement
- Aluminum
- Fertilizer
- Biomass
- Ceramic
- Sugar
- Bio Diesel
- Ethanol
- Mining
- Metals
- Iron and Steel
- Refineries
- Waste Incinerator
- Pulp and Paper
- Gas Turbines
- Petrochemical
- Glass

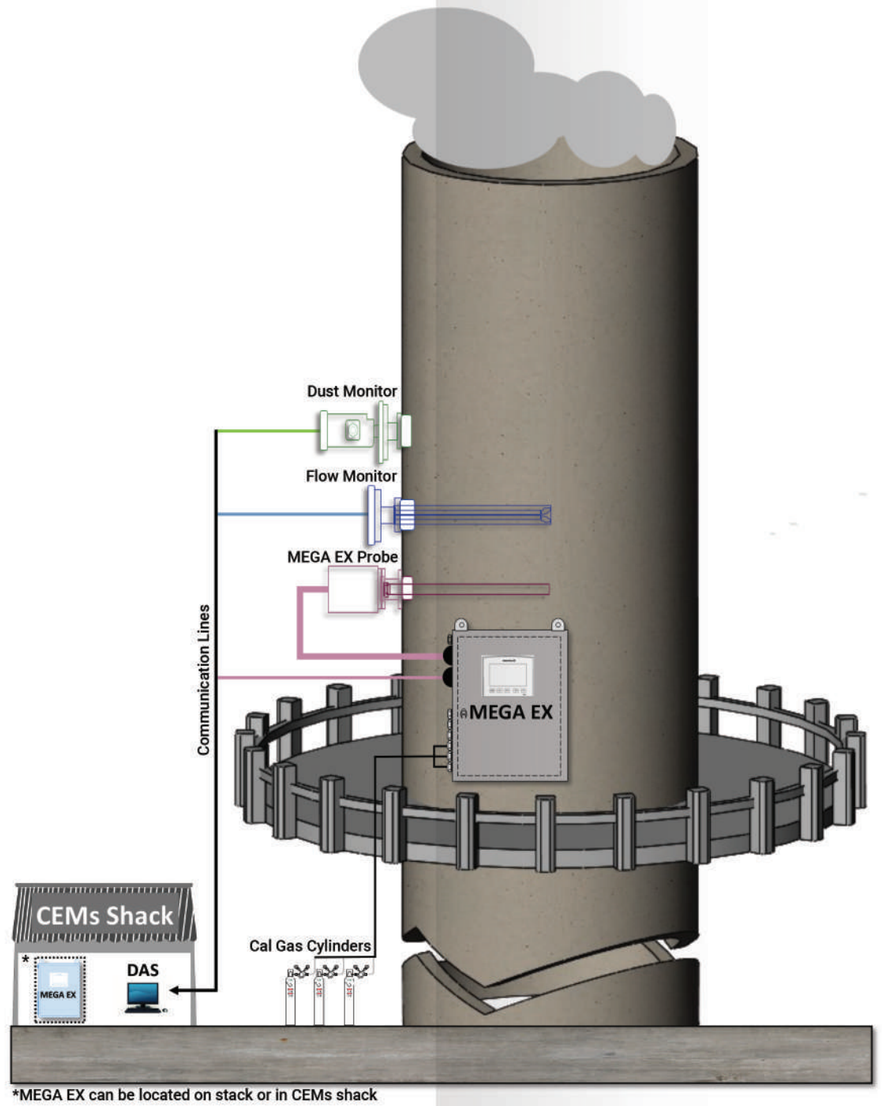
Meets or Exceeds US EPA Requirements

MEGA EX Multi-Component Continuous Emissions Monitor

- **Durable and Reliable Design**
  - Stack Mountable or Ground Installation
- **Compact and Lightweight**
- **Measure Multiple Gases Simultaneously**
  - No Additional Instruments Needed
- **Flexibility to Use Optimal Measurement Technology Depending on Application**
  - Non-Dispersive Infrared (NDIR)
  - Ultra-Violet Differential Optical Absorption Spectroscopy (UV-DOAS)
  - Chemiluminescence (CLD)
  - Tunable Diode Laser (TDL)
  - Electro-Chemical Devices (ECD)
  - Optical Sensor
- **Designed for Process Control and/or Emissions Monitoring**
- **Economical Solution**
  - Low Acquisition Cost
  - Inexpensive to Operate
- **Easy to Service and Maintain**

Data Acquisition System (DAS)

- Integrated CEM Data Logger, Data Handling and Reporting System
  - Station Manager Installed in CEMS Rack
  - System Manager for Control Room
- Extensive Selection of CEMS Compliance and Data Reports
- Microsoft SQL Server, Access, or Oracle Database Compatible
  - Data Exportable to Microsoft Excel Spreadsheets
- Data Editor, Edit Trail Program, QA Programs, Alarms, and Trend Display
  - Voice Message and Email Alarms
  - Remote Access and Real-Time Data Display
- Compliant with US EPA 40 CFR Part 60 and 75 Requirements



*MEGA EX can be located on stack or in CEMs shack

Dust Monitors

- **Opacity and Dust Monitor**
  - Dynamic Detection Principle (DDP) Measurement
  - Cross Stack / Duct
  - Automatic Calibration
  - Compliant with US EPA 40 CFR Part 60 and 75 Requirement
- **Dust Monitor**
  - Laser Backscatter Principle

Flow Monitors

- **Optical Scintillation**
  - Cross Stack / Duct
  - Measures Path 90 Degrees to Stack
    - Second Platform Not Required
  - Unaffected by path length, media, pressure, moisture, and opacity
  - No Interferences
  - Automatic Calibration
  - Compliant with US EPA 40 CFR Part 60 and 75 Requirement
- **Ultrasonic**
  - Compliant with US EPA 40 CFR Part 60 and 75 Requirement
- **Pitot Tube**

Contact Us Today For More Information

www.ohiolumex.com