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Industrial process and emission control experts

2023 PRODUCT PORTFOLIO

ILLC | Plano TX | April 2023

CEMS & ANALYZERS

Emissions Monitors

Extractive, Insitu, Exsitu, Dilution based continuous emissions monitoring systems.

- Insitu TDLAS & DOAS Analyzer
 - Laser based multigas insitu analyzer CEMS for process and emissions monitoring.
- IntelliCEMS Rack Analyzers
 - Complete free-standing rack with analyzers, PLC & Control Systems & CEMS
- Marine CEMS with MARPOL Certifications
 - Extractive and multiplexed CEMS for multiple stacks on ships, cargo vessels
- HYBRID Emissions Monitor
 - Stationary Low-Cost Continuous Emissions Monitoring Systems (CEMS)
- Stack Flow Monitor
 - Continuous measurement of flue gas flow velocity (m/sec) using dynamic pressure measurement principle with averaging Pitot tubes.
- Stack Dust Monitor
 - Dust Opacity Monitoring System. Double pass opacity monitor. Continuous in-situ measurement.
- Portable Emissions Monitor
 - Portable and Semi-continuous operation with high precision and multi components capability and Linux OS, Bluetooth, compliance
- Handheld Emissions Monitor
 - Handheld operation with high precision and multi components capability, illuminated condensate trap, and Bluetooth, WLAN Network
- Ambient Trace level Green House Gases monitors
 - ESG carbon data reporting, GIS mapping, process safety and asset optimization

Sample Handling Systems

Sample extraction, inertial probes, dilution probes, transport, conditioning for cold-dry, hot-wet analysis

Data Reporting Systems

EPA compliant reporting systems, remote data access and cloud-based monitoring.

System Integration

Design, Engineering, packaging, integration, calibration & testing

Parts, Calibration & Services

Parts, site services, calibration for major analyzers, installation & commissioning

Stack Sampling Kits and Lab Analysis

Comply to US EPA Methods for PM, Gases and other sampling requirements and Lab analysis reports.

Combustion control monitors & systems

In situ Oxygen and NOX analyzers for boilers with BOSCH / CONTINENTAL Licensed sensors from ScanTronic DK

POLLUTION CONTROL

- Regenerative Thermal Oxidizers
- Solvent Distillation Technologies
- Catalytic Oxidizers
- Steam Generating Thermal Oxidizer
- Biofuel APC equipments
- Concentrator Absorption Systems
- Permanent Total Enclosures
- Heat Recovery Heat Exchanger
- Energy Recovery systems
- Used RTOs
- Collection Systems Design Fabrication
- Condensing Economizing Systems
- VOC Abatement Engineering
- Smart 3-Bed RTO
- Selective Catalytic Reduction Systems
- Remediation Solutions
- Equipment Installation