Process Insights
Premium Insights Into Process

Fast, High-Performance
Flare Gas Analyzers
for Regulatory Compliance

Process Insights is your SINGLE SOURCE for complete flare gas analysis for total compliance - EMACT, MONMACT, RSR, Subpart Ja, HRVOC and more

NEW

CosaXentaur

COSA 9800™ Calorimeter
BTU/Net Heating Value (NHV) measurement of the vent gas for EMACT, MONMACT & RSR compliance and real-time flare control

- Zero hydrocarbon emssions for Heating Value, Wobbe Index, and Combustion Air Requirement Index (CARI) in seconds
- Handles high sulfur concentrations high temperature combustion
- Flameless / no flameouts
- Outdoor install and no shelter required

NEW

extrel

MAX300-RTG™ 2.0 Mass Spectrometer
Real-time flare gas analysis for BTU/Net Heating Value, H_2S, total sulfur & full vent gas speciation for EMACT, MONMACT, RSR & Subpart Ja compliance

- Reports the Net Heating Value (NHV) for high-precision RSR flare control in seconds
- 24-7 automated flare monitoring with >99% demonstrated uptime
- Extreme resistance to high hydrogen sulfide
- No carrier, detector or dilution gases required
- Outdoor install and no shelter required

ATOM INSTRUMENT

FGA-1000™ Total Sulfur Analyzer
With Excimer UV Fluorescence Technology for Subpart Ja compliance for monitoring refinery flare gas and subsequent sulfur dioxide emissions

- Unmatched speed of analysis and response time
- Low utility consumption
- Lowest cost of operation
- No need for additional sample valves, calibration gases or system hardware
- Outdoor install and no shelter required

Reduce risk for compliance projects

- Ensure compliance with real-time flare control
- Ensure combustion efficiency
- Field-proven technologies with extensive installed base
- Unparalleled support from global Sales and Service network

Regulation Type:	For Sulfur Reporting		For Combustion Efficiency & Flare Control		HRVOC	Analyzer Details
Analyzer Type	H_2S	Total Sulfur	Net Heating Value	Speciated Hydrogen	Full Stream Composition	Average Time Between Updates
Mass Spectrometer	✔	✔	✔	✔	✔	< 20 seconds
Total Sulfur Analyzer		✔				100 seconds
Calorimeter			✔	Optional add-on		5-30 seconds

www.process-insights.com