

Ei2200 RNG Monitoring System

Biogas and RNG

The Ei2200 Biogas Monitoring System is a compact, cost-effective all inclusive integrated monitoring of Renewable Natural Gas (RNG) for compliance with pipeline interconnection gas quality specifications.

Designed with speed, accuracy and cost in mind, the system incorporates our state-of-the-art Ei800 Process Gas Chromatograph (GC), providing incredibly fast and sensitive gas composition analysis, heating value and relative density, and our proven GC-IMS technology to monitor total and speciated siloxane concentrations.

The Ei2200 is compact, wall-mountable, and easy to operate and maintain, whether used by experienced engineers or non-technical users.

Key Features

- Super fast gas composition analysis (30 seconds)
- Extreme Sensitivity and Accuracy (500 ppb DL)
- Minimal carrier gas consumption of 5ml/min. during analysis
- Low Power Requirements
- Compact Wall Mount Design (36 x 36 x12")
- Easy to Maintain
- EPA Renewable Fuel Standard (RFS) compliant

Options

- Cabinet Heater
- Air Conditioner
- Sample Probe
- Hazardous Area (C1D2)



EPA RFS Compliant





Available Measurements

- Hydrocarbons (C3+, C6+, C9+)
- Heat Value & Relative Density
- Methane (CH₄)
- Carbon Dioxide (CO₂)
- Carbon Monoxide (CO)
- Hydrogen Sulfide (H₂S)
- Oxygen (O₂)
- Hydrogen (H₂)
- Nitrogen (N₂)
- Moisture (H₂O)
- Sulfur Compounds (14 per ASTM D6228)
- BTEX
- Siloxanes
- Corrosion
- Others Available



Applications

- Biogas (Raw and Process)
- Renewable Natural Gas (RNG)
- Natural Gas
- Synfuels
- Landfills
- Wastewater Treatment Plants
- Dairy, Hog and Chicken Farms
- Natural Gas Pipeline Monitoring
- Process Monitoring
- Others

