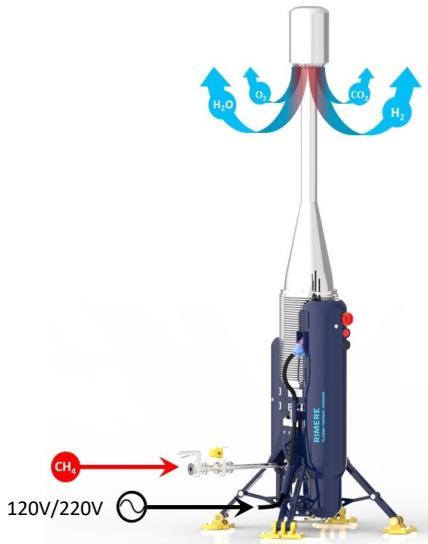


RIMERE

Mitigator: Advanced plasma thermal oxidizer



Methane is the second most abundant anthropogenic greenhouse gas behind CO₂ and is responsible for 20–30% of the rise in the Earth's temperature since the Industrial Revolution.

How does the Mitigator lower greenhouse gas emissions?

- The Mitigator is designed to address fugitive methane emissions from different natural gas emitting sources, such as natural gas compressor crankcases, pneumatic controllers, marginal conventional wells, oil and gas tank separators, component gas leaks, etc.
- Plasma assist oxidation, no open flame, no pilot gas
- Each Mitigator can eliminate 200 Mtons CO₂e per year (based 100-year GWP of 25)

Mitigator specifications:

- Eliminate up to 200 Mtons of CO₂e per year
- Natural gas flow rate: 50 scfh (upgradable to 150 scfh)
- Low voltage requirement: 120V / 220V
- Low power consumption: 0.75–1.5 kW
- Weight: ~ 500 lbs
- Low maintenance cost: < \$15 per MT CO₂e
- High destruction efficiency: >98%
- Fully automatic operation with local interface
- Remote monitoring and data collection
- Rated for Class 1 Division 2 hazardous environment operation

Potential applications of Mitigator



For more information or to discuss applications, contact:

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