

Application Optimizer

SPOTLIGHT

Regenerative Thermal Oxidizer (RTO)

How well have you optimized your process?

Combustion Air to Burner

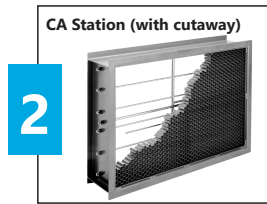
"Optimize combustion with minimal emissions"

APPLICATION CHALLENGES

- Limited straight run available
- High-turndown, low velocity
- Particulate-laden gas stream

IDEAL PRODUCTS

- VOLU-probe/SS Airflow Traverse Probe
 - best for moderate straight run
- CA Station Combustion Airflow Measurement System
 - best for limited straight runs



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Fuel to Burner

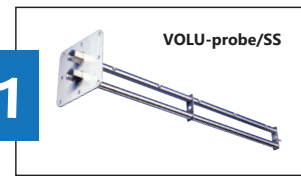
"Ensure complete combustions with minimal emissions"

APPLICATION CHALLENGES

- Natural Gas (most common)
- Low flow, low pressure
- Mass flow desired
- Fox Thermal FT1/FT4A/FT4X
 - In-situ Calibration Validation w/ cert.
 - No temp or pressure compensation needed
 - Gas selection menu - (multiple fuels)

OTHER PRODUCT OPTIONS

- Retractor assembly
 - online maintenance
- Inline or insertion installation



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Waste Gas to RTO

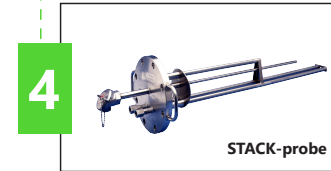
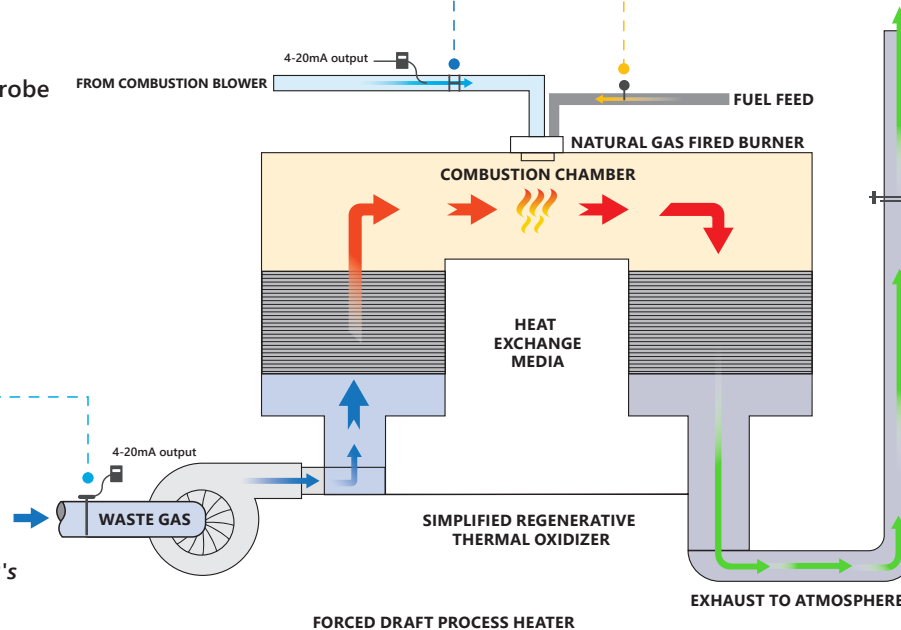
"Ensure complete destruction of HAP's and VOC's to meet regulations"

APPLICATION CHALLENGES

- Limited straight run available
- High-turndown, low velocity
- Particulate-laden gas stream
- Corrosive

IDEAL PRODUCTS

- VOLU-probe/SS Airflow Traverse Probe
 - best for moderate straight run
- CA Station Combustion Airflow Measurement System
 - best for limited straight runs



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Exhaust to Atmosphere

"Stay in compliance with EPA air quality regulations"

APPLICATION CHALLENGES

- Dirty process gas
- Reporting typically required
- Corrosive potential
- Can be very hot, but not standard RTO

OTHER PRODUCT OPTIONS

- STACK-probe
 - Multipoint averaging probe
 - Closely matches the EPA RATA test

WITH TRANSMITTER

- MASS-tron II/CEM (continuous emissions monitoring)
 - AUTO-zero, eliminate transmitter zero error
 - AUTO-cal, measure transmitter zero & span drift
 - Temperature and absolute pressure compensated mass flow output

WITH MULTIVARIABLE TRANSMITTER 1 2 4

- MASS-tron II Transmitter
 - best for standard applications
- VELTRON DPT-Plus
 - best for Class 1 Div 1

OTHER PRODUCT OPTIONS 1 2 4

- AUTO-purge III
 - best for dirty service
- Custom material selections:
 - Hastelloy, corrosion-resistant
 - Inconel, high temperatures