

# OPTIMIZER

## SPOTLIGHT

**Flares and Combustors**  
How well have you optimized your flares?

## Upstream/Midstream

LP/HP Flares



- Track flaring events for Quad O and Subpart W regulatory reporting
- Log events with advanced data logger
- Accurately measure low and high velocity flare gas
- Monitor combusted or flared gas for process safety records

## Landfills

LG Flares



- Track methane generation and destruction for 40 CFR Part 98.342
- Log events with advanced data logger
- Accurately measure low and high velocity landfill gas



## FT4X

### PRODUCT FEATURES:

- Insertion, Inline, and Remote configurations
- DC and AC input power options
- Gas selection menus of C1-C9 gasses to program flare gas composition in Gas-SelectX®
- Calibration validation to ensure meter function over time
- Advanced Data logger standard with event log
- 3/4-inch probe
- Modbus RTU / HART Protocol
- FT4X View™ Software
- 1000:1 turndown measurement range



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## Refineries

Lateral flares



- Measurement accuracy compliant with API 14.10
- Log events with advanced data logger
- Accurately measure low and high velocity flare gas
- Monitor planned and unplanned flare events

## Wastewater

Biogas Flares



- Track methane generation and destruction for 40 CFR Part 98.356
- Log events with advanced data logger
- Accurately measure low and high velocity wastewater biogas

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FT4X

**Flare Gas**

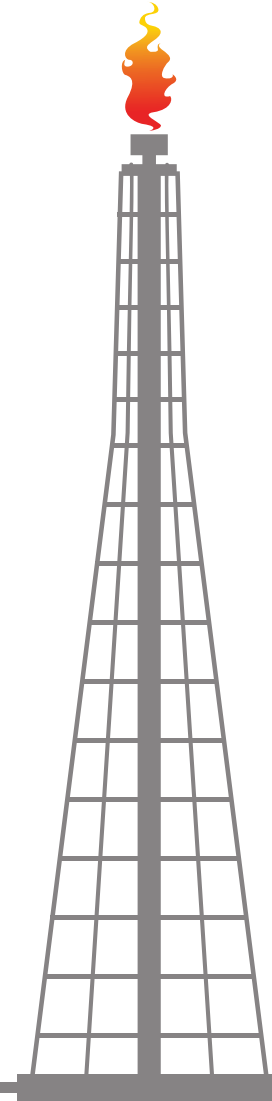
*"Accurately measure the mass flow of your flare gas to track flaring events and avoid environmental fines."*

**APPLICATION CHALLENGES**

- Wide range of flow rates
- High and low velocities
- Low-flow cutoff needed
- Changing gas composition

**IDEAL PRODUCTS**

- FT4X
  - Datalogger with daily totals
  - Remote mount optional
  - Velocities up to 60,000 SFPM
- FT4A
  - For applications not requiring datalogging or remote mount
  - Velocities up to 60,000 SFPM

**PRODUCT OPTIONS**

- FC20 flow conditioners
- Retractors
- Inline flow bodies with conditioners
- Modbus or HART

