



Applications

Chemical Processing &
Manufacturing Plants

Gas Processing Plants

Transportation Pipelines

Specifications

Dimensions:

13" High

3" Diameter

(19" H with junction box;
Junction box 3.75"
diameter)

Weight:

10 pounds

(4.5 kilograms)

Flow Rate:

1 liter / minute

(0.035 scfm)

(1,000 btu / hour
maximum)

Back Pressure:

Nil

Power Consumption:

150 Watts (max)

(120 vac, 60 hz)

End Products:

Water Vapor, CO₂

Fugitive Emissions Eliminator

TRACERase™

Most chemical and gas processing plants and transportation pipelines require the use of chemical analysis instrumentation. These instruments frequently require a stable pressure reference to atmospheric pressure for proper operation. This reference may be achieved by venting the sample to atmosphere. These vented samples, called fugitive emissions, are air pollutants and contribute to worldwide pollution problems.

The focus of TRACERase™ technology is the use of a catalytic combustion process to oxidize vented samples while maintaining an atmospheric pressure reference. The TRACERase™ Hydrocarbon Emission Eliminator utilizes a continuous heat source to allow effective oxidation of intermittent fugitive emission streams as well as continuous source streams.

In hazardous locations, the TRACERase™ unit is designed to provide explosion resistant ratings. CSA approval ratings are available.

MTI Analytical Technology

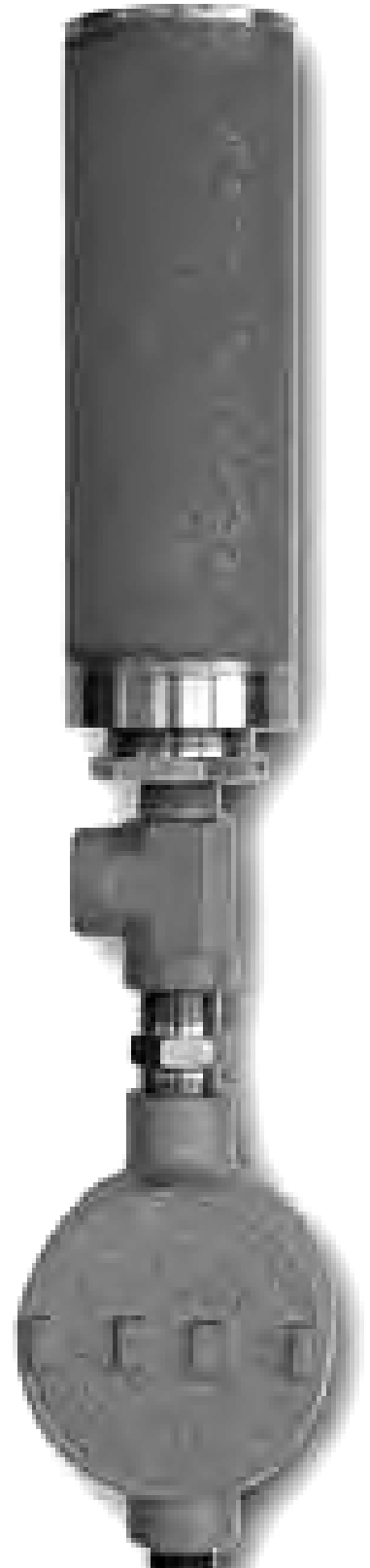
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Analytical Instrumentation



Analytical Technology

A Division of MerTech Incorporated

TRACERase™ Hydrocarbon Emission Eliminator Specifications (Ver 06.09)

PART NUMBER: 1211-010

BACKPRESSURE: Nil @ 1 liter/minute (<0.1" H₂O @ 3 liters/minute)

HYDROCARBON EMISSION PRODUCTS: Water Vapor, CO₂, (Nil NO_x formation due to low temperature operation)

SURFACE TEMPERATURE CLASSIFICATION: T6 – 185°F (T4 - 275°F maximum operation)

CATALYST LIFE: >2 years (Recommend preventative maintenance catalyst renewal each year of operation)

MAXIMUM CONCENTRATION: 1,000 BTU/HR and/or 1 liter per minute

ELECTRICAL CLASSIFICATION: Designed for Class 1, Division 1, Groups B, C, & D (CSA Approval Available for Class 1, Division 2, Groups C and D, T3B)

MATERIALS of CONSTRUCTION: Stainless steel, Carbon steel, Aluminum, Catalyst (Monel available as option)

SAMPLE INLET CONNECTION: ¾" FPT

MTI Analytical Technology is available to assist with **Analyzers, Calibration / Validation Standards, Electrochemical Sensors, Electrodes, Emission Eliminators, Sample Handling and Conditioning Devices, CEM Data Acquisition and Reporting Software, Maintenance Management Software, and Packaged Analytical Systems** requirements. Should there be questions or additional information required, please advise.

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