



Analyzer Vent: Hydrocarbon & Sulfur Emission Eliminators

APPLICATION

Eliminate the problems associated with routing analyzer vents to flare headers and stacks. Fluctuating backpressure and possible reflux into and through the analyzer can cost thousands of dollars in lost performance and result in expensive repairs.

Fugitive emissions from analyzers pose a problem from an environmental standpoint. Remedies are now available to eliminate hydrocarbon and sulfur analyzer vent emissions.

TRACE Technology, Inc. manufactures a hydrocarbon emission eliminator to convert emissions to carbon dioxide and water vapor. A catalytic reaction in the TRACERase unit provides this conversion process. Initial heat to begin the reaction is applied by a 110 VAC heating element, thus assuring operation when hydrocarbons are present intermittently. The unit is designed to C1, D1, G B, C, & D specifications. Zero backpressure assures analyzer performance.

Routine maintenance of the TRACERase requires periodic replacement of the catalyst cartridge. Cost is less than \$250 and is required at a minimum six-month interval, assuring complete combustion of hydrocarbon products.

Absorptive crystals in a clear reservoir may remove sulfur compounds. The crystals initially are purple in color and become brown and then white as sulfur compounds are absorbed. Only a visual check is required to determine when the crystals require replenishment. The unit is approximately 2" O.D. and 4" long. Tubing connections allow connection in the analyzer vent.

TRACE Technology, Inc. manufactures hydrogen sulfide and total sulfur analyzers utilizing the ASTM approved method of lead acetate tape. Dual microprocessors assure uninterrupted data collection while allowing automatic calibration and data transfer. System functionality is constantly monitored and indicated by an alphanumeric display. Pushbutton controls offer operator convenience and ease of operation.

MTI Analytical Technology is available to assist with environmental and process monitoring applications. Design, engineering, fabrication, installation, and commissioning may be accomplished, thus assuring integrity and performance of component units.

MTI Analytical Technology Products

- Analyzers
- Calibration / Validation Standards
- Electrodes
- Electrochemical Sensors
- Emission Eliminators
- Packaged Analytical Systems
- Sample Handling / Conditioning Devices
- Software Documentation Systems for Analyzers
- Software for Continuous Emission Monitoring Reporting

Call, Fax, or E-mail for Additional Information

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