

G.C. & ANALYZER EMISSION CONTROL



FEATURES:

- Eliminates 98% of Hydrocarbons Emissions at 1 Liter Per Min.
- Protects the Environment
- Power Consumption 150 Watts
- Explosion Proof
- Eliminates Need for Flare Lines
- Insures No Back Pressure at Vent

OVERVIEW

Operation of chemical, refineries, gas processing plants, and pipelines often requires the use of chemical analysis instrumentation. These instruments frequently require a pressure reference to atmospheric pressure for operation. This reference is frequently achieved by venting the sample to the atmosphere. These vented samples, generally called *fugitive emissions*, are air pollutants and contribute to worldwide pollution problems.

The focus of this technology is the use of a catalytic combustion process to oxidize the vented sample while maintaining the atmospheric pressure reference. The unit utilizes a continuous heat source to allow the oxidation process to be effective on 98% of fugitive emissions. Hydrocarbons are converted to CO₂ & water vapor.

The packaging of the system is designed to provide explosion proof protection (Class I Div. II Grp. B, C, & D). This allows application of the technology in hazardous locations.



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