

Model 10 Hydrocarbon Analyzer - FID Single Channel, Spot Heated Total Hydrocarbon Analyzer

The VIG Industries, Inc. Model 10 is a microprocessor based, spot heated total hydrocarbon gas analyzer designed for high accuracy, sensitivity and stability.

The Model 10 uses a flame ionization detector (FID) for continuous measurement of a dry sample stream at ambient temperature. The FID is spot heated to prevent condensation, and to provide repeatable, reliable performance in the analysis of a wide variety of hydrocarbon concentrations in gaseous mixtures or in ambient air.



Applications

Compliance Monitoring

Process Monitoring - Continuous monitoring and alarm or control of:

- Process gas streams utilizing organic solvents
- Crude oil
- Other chemicals containing hydrocarbons

Efficiency Monitoring - Monitoring effluent of volatile organic compound (VOC) reduction equipment for:

- Environmental compliance
- Efficiency control of incinerators (Thermal or catalytic)
- Scrubbers
- Carbon absorbers
- Monitoring of catalytic converters
- Combustion and diesel engine efficiency
- Other abatement equipment

Safety Monitoring - Lower explosive limit (LEL) monitoring and/or control of:

- Ovens/dryers
- Fugitive emissions monitoring
- Personnel work area monitoring
- Leak detection of process equipment or solvent storage areas

Stack Monitoring