Application 283-00
Agilent Refinery Gas Analyzer
Hydrocarbons in Extended Refinery Gas and Cracked Gas Analysis

Technical Overview

Application Highlights

• A Flame Ionization Detector (FID) to detect the C1 through C7 paraffins and olefins to a lower detection limit of 20 ppm, except for trace peaks eluting on the tail of a major component.

• The entire analysis has a run time of less than 15 minutes

Optional Configurations

• Liquid sample valves for the injection of pressurized liquid samples.

• Refinery gas analysis with trace sulfurs by FPD or SCD

• Additional boiling point column for the analysis of heavy hydrocarbons (C1–C30)

• Standard analysis with the addition of trace CO by methanizer

• Custom analyzer for performing ASTM D2163, ASTM D2712, and ISO 7941

• High temperature injection for heavy fractions

• High temperature reactor effluent with percent level water

• TCD/TCD/MSD for the analysis of reactor effluent gases

For More Information

For more information on our products and services, visit our Web site at www.agilent.com/chem.
FID output from the Agilent Refinery Gas Analyzer.