

Application D5504 Trace Sulfur Gas Analyzer

Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels

Technical Overview



Application Highlights

- Sievers Sulfur Chemiluminescence detector (SCD) for the analysis of trace sulfur components in high methane content gaseous fuels such as natural gas
- SCD offers equimolar/sulfur specific detection to ppb level
- Based on ASTM method D5504, the SCD identifies the following compounds in gas phase samples to a lower detection limit of 10 ppb: Hydrogen sulfide, carbonyl sulfide, sulfur dioxide, methanethiol, ethanethiol, dimethyl sulfide, carbon disulfide, 2-Propanethiol, 2-methyl-2propanethiol, 1-Propanethiol, ethyl methyl sulfide, 2-Butanethiol, thiophene, diethyl sulfide, 1-Butanethiol, dimethyl disulfide, diethyldisulfide.
- Specially passivated inlet system for ultra-trace level sulfur analysis

Optional Configurations

• Addition of a liquid sample valve for analysis of sulfur compounds in liquefied petroleum products



For More Information

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SCD output of Agilent Trace Sulfur Gas Analyzer.

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