Natural Gas Analyzer – Model 2500

PRODUCT BRIEF

GAS CHROMATOGRAPHY

- Sample types: Gas
- Natural-gas hydrocarbons and trace-sulfur compounds in one analyzer
- Flame ionization detector/flame photometric detector (FID/FPD)
- Only hydrocarbons detected and measured on FID, no interference from air or CO_2
- Designed so that the lowest boiling C_6 (2,2-dimethylbutane) is included in the backflush on FID
- Rugged packed columns – no degradation from common contaminants
- Model 3062 Software available containing template for heating-value calculation and other sample specifications
- This analyzer is for natural gas. Natural gas does not contain light hydrocarbon unsaturates. LPG samples cannot be analyzed on this analyzer without modification. See Model 4036 or Model 4037, which meet ASTM D2163 methodology for LPG analysis

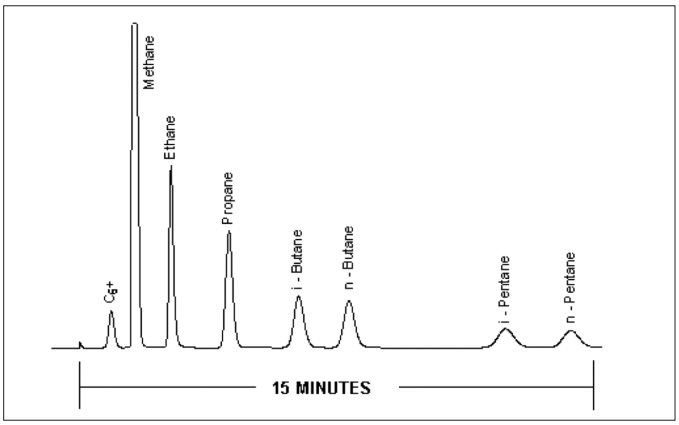
Detected Compounds

- C_1 through C_5, C_6+ composite, trace-level H_2S, COS, mercaptans and low-boiling sulfides

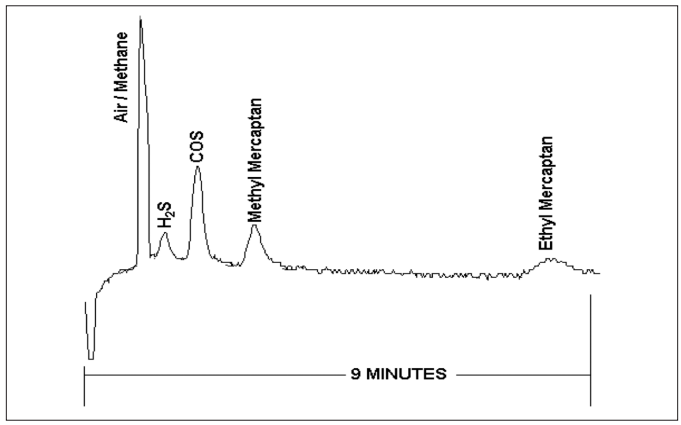
Key Benefits

- Meets:
  - ASTM D1945 (precision statement only)
- Plumbed with sulfur-resistant materials to enhance H_2S detection
- Guaranteed detection ranges/concentration levels:

	Min (%)	Max (%)
Channel A (FID)		
C_6+ composite	0.005	10
All other components	0.005	100
Channel B (FPD)	**Min (ppm)**	**Max (ppm)**
H_2S and COS	0.1	1000
All other components	0.2	1000



Hydrocarbon compounds analyzed by FID.



Trace sulfur compounds analyzed by FPD.

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