

GC Engineered Solutions

Refinery Gas Analyzer Model 1015



- Rapid, 15-minute analysis time
- Dual channel-flame ionization detector and thermal conductivity detector (FID/TCD) (see sales representative for alternate detectors on FID channel)
- Rugged packed columns – no degradation from H_2O , NH_3 or other common contaminants
- No guaranteed hydrogen detection range (see Model 1157 for full-range capability)
- Critical butene-1/isobutylene separation
- Includes Model 3062 Software, which contains a merge program to combine multichannel data into one report
- Plumbed using sulfur-resistant materials to enhance H_2S detection
- Sample types analyzed: Gas

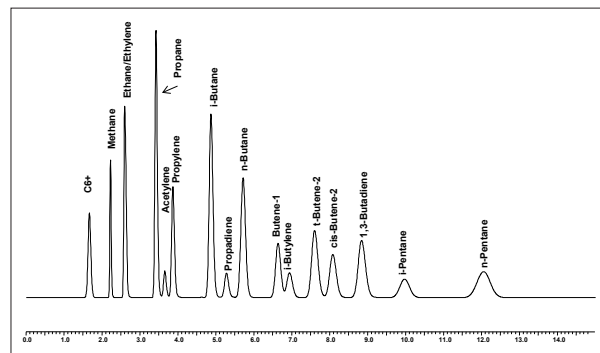
Detected Compounds

O_2 , N_2 , CO_2 , CO , H_2S , C_1 through C_5 , $C_5=C_6+$ composite peak

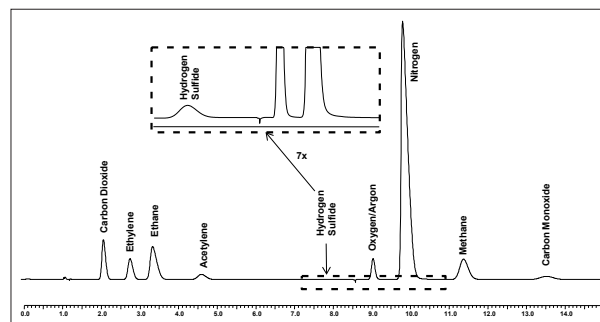
Key Benefits

- Meets:
 - ASTM® D1945
 - ASTM® D1946
 - ASTM® D2597
 - UOP 539-87
 - UOP 709
 - DIN 51872-4
- Guaranteed detection levels (based on individual components without interference from neighboring peaks):

Hydrocarbon (FID)	Min (%)
$C_5=C_6+$ composite	0.002
All other components	0.001
Light Gases (TCD)	
H_2S	0.02
All other components	0.01



Hydrocarbon Channel (FID)



Light Gases Channel (TCD)

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