

Thermo Scientific Gas Chromatograph Analyzers

Natural Gas Analyzer for GPA 2261



Product Spotlight

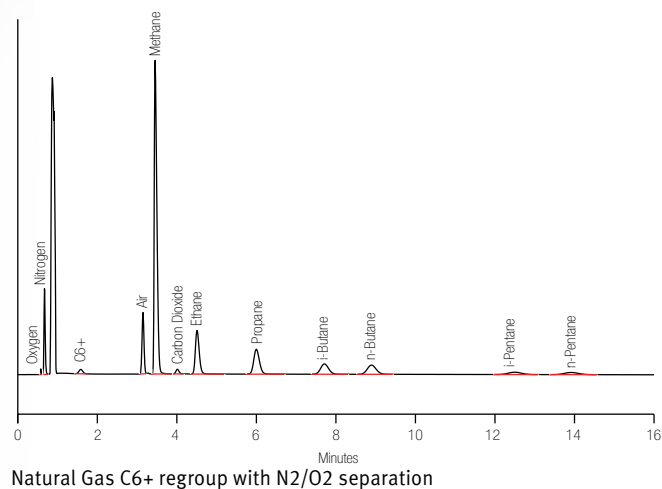
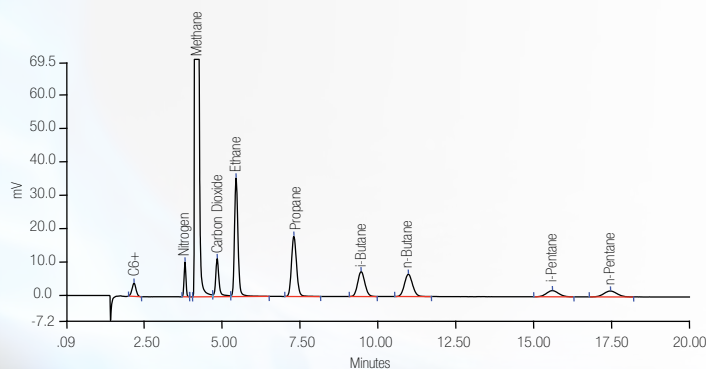
The Thermo Scientific™ Natural Gas Analyzer determines the British Thermal Unit (BTU) content of natural gas samples as outlined in GPA Method 2261. The system, based on the Thermo Scientific™ TRACE™ 1310 gas chromatograph, analyzes a single natural gas sample. Additionally, dual-sample configurations are available, enabling simultaneous analysis of two samples for increased throughput.

Sample type: Natural gas

- Components: C6+ regroup, Nitrogen (air composite), Carbon Dioxide, Methane, Ethane, Propane, i-Butane, n-Butane, i-Pentane, n-Pentane
- Meets requirements for GPA 2261
- TRACE™ 1310 Gas Chromatograph
- Three packed columns in GC oven
- Independently heated valve oven with two valves
- Single thermal conductivity detector (TCD)
- Plumbed with sulfur resistant tubing

Optional

- Additional column and valve for Oxygen/Nitrogen separation
- Second TCD channel for Hydrogen/Helium



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Natural Gas Analyzer for GPA 2261



Natural Gas (NG) System Specifications		
Method	GPA 2261	GPA 2261
Sample	Natural Gas	Natural Gas
Detectors	TCD	TCD
Air, CO ₂	Yes	Yes
O ₂ /N ₂	No	Yes
He/H ₂	Yes**	Yes**
Hydrocarbons	C1– C5 with C6+ regroup	C1– C5 with C6+ regroup
Repeatability	<1.0%	<1.0%
MDL* Hydrocarbons	0.005%	0.005%
MDL Perm Gases	0.01%	0.01%
MDL H ₂ S	0.05%	0.05%
Valves per Channel	2	3
Columns per Channel	3 packed	4 packed
Sulfur Inert	Yes	Yes

*Method Detection Limit

**with added channel

Thermo Fisher Scientific offers a suite of more than 20 turnkey analyzers for natural gas, natural gas liquids, and liquefied petroleum gas. Single channel, dual channel, or multi-method combination systems are available to meet your requirements. Customized systems can be designed to meet individual analytical challenges as required. Contact your local representative for more information.

For more information, visit www.thermofisher.com/oilandgasinfo

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