

Application Data Sheet



System Gas Chromatograph

Gases in C2 Analysis Nexis GC-2030HC3 GC-2014HC3

This system is for determining hydrogen, oxygen, nitrogen and methane in propylene in below compound table. It requires the use of a dedicated gas chromatographic system which is configured with an automatic sampling and backflush technique in multiple columns.

Analyzer Information

System Configuration:

Two valves / two packed columns / one PDHID

Sample Information:

Determining hydrogen, oxygen, nitrogen and methane in propylene

Methods met:

ASTM-D2504

Concentration Range:

No.	Name of Compound	Concentration Range	
		Low Conc.	High Conc.
1	Hydrogen	1ppm	15ppm
2	Oxygen + Argon	1ppm	150ppm
3	Nitrogen	1ppm	150ppm
4	Methane	1ppm	150ppm

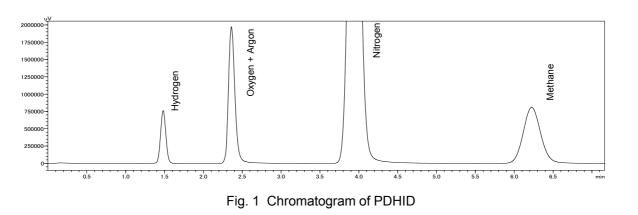
Detection limits may vary depending on the sample. Please contact us for more consultation.

System Features

·Suited for trace impurities in gas sample

· Versatile software easy GC system operation

Typical Chromatograms



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