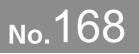


# Application Data Sheet



# 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     |

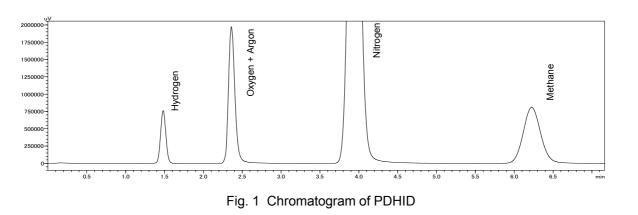
Detection limits may vary depending on the sample. Please contact us for more consultation.

#### System Features

·Suited for trace impurities in gas sample

· Versatile software easy GC system operation

# **Typical Chromatograms**



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