



MS5A MODULE

MS5A



$H_2 / O_2 / N_2 / CH_4 / CO$

A miniaturized Gas Chromatograph
available for the analysis of permanent gases.

The entire Gas Chromatography analytical stream
(injection, separation and detection) embedded within a small
module designed for easy and Plug & Play use.



A MINIATURIZED AND FAST GC WITHIN A COMPACT, LIGHTWEIGHT, PLUG & PLAY MODULE



Stationary Phase :
Molecular Sieve 5A



Precolumn, backflush available
Loop Volume: 2 or 20µL



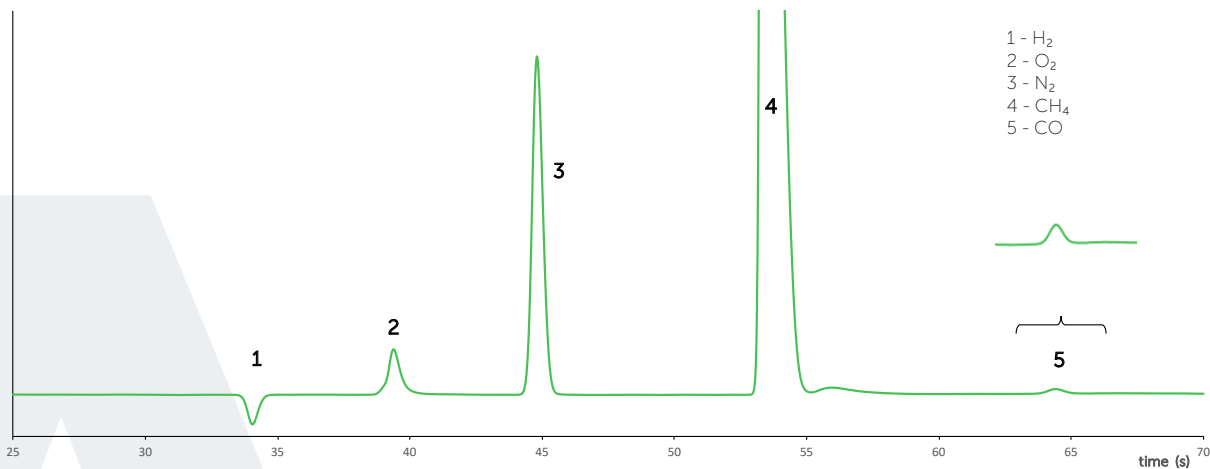
Commercial equivalency :
HP-PLOT Molesieve
CP-Molsieve 5A



TCD Detector
Range : from ppm to %
RSD below 0,1% for concentration above 60% and below 1% for lower concentration

RESULTS

MS5A



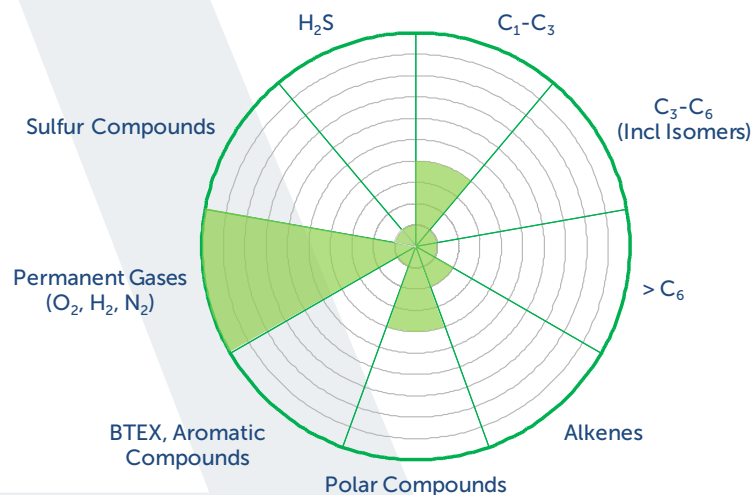
Carrier Gas : He
Injector Temp : 80°C
Column Temp : 120°C
Head Column Pressure : 1 bar



Injection Time : 50ms
Analysis Time : 70s

APPLICATIONS

Analysis of H₂ / O₂ / N₂ / CH₄ / CO
Designed for Natural Gas Analysis



contact@apixanalytics.com

Miniparc Polytec - Immeuble Tramontane • 60 rue des Berges 38000 Grenoble