

O₂

H₂

CO

CH₄

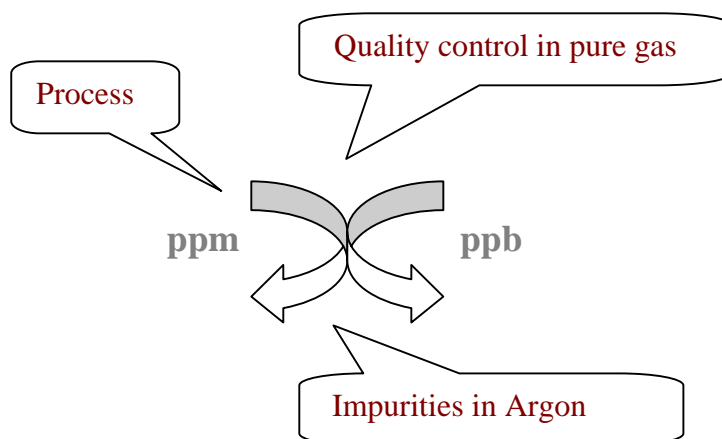
Total Hydrocarbon

CO₂

N₂

chromARGON

A highly automated system for routine field measurement of permanent gases on the range:



Principle :

The **chromARGON** is an automatic industrial gas analyser. The sample comes through the sampling **loop**. Then the sample is injected into two analytical columns for separation. The system uses a packed column.

The first column allows to separate composite peak (H₂, O₂, N₂, CO), and the second column CH₄, CO₂. The temperature setting is **isothermal**. The automatic valve permits the sample's injection. Detection by luminescent detector.

The Vistachrom software enables the user to visualize and store data on a PC. Furthermore it provides comfortable utilities to recalculate, calibrate and export data and to set-up measurement.

The airmoTREND software allows the calculation of retention time, area, mass or concentration profiles.

Options :

On-line results are transmitted via :

- A MODBUS / JBUS or MGS1 communication protocol.
- Analog output 4-20 mA or 0-10 V.
- **Automatic validation**
- Multiple Stream selector (2 to 6)
- CO₂ analysis
- Total Hydrocarbons analysis by FID

Sensitivity : (ppb)	H ₂	O ₂	N ₂	CH ₄	CO	CO ₂
(a)	20	100	100	50	500	...
(b)	40	200	200	100	1000	500

Chromatotec is specialised in VOC, sulphur and permanent gases analysis at trace and ultra trace levels (ppm, ppb, ppt).

Feel free to visit our web site for more details:

<http://www.chromatotec.com>

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