

COS

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cosMEDOR[®]

sulphur compound analyser
a continuous analyser dedicated to the COS.

Natural Gas

COS
Odour indication

Toxicity

Ambiant Air Control



Process

Petrochemical
Ethylene quality control

• Principle :

The cosMEDOR is a gas chromatograph dedicated to the COS compound analysis that is present in different matrices.

- ⇒ An electro-chemical detector allows the specific detection of COS.
- ⇒ The detection is made by a gas-liquid reaction avoiding any alteration of the cell.
- ⇒ The cell life time can be over 10 years.

Automatic data validation with internal calibration using a permeation tube (optional).

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.
- 24 V power supply for transportable analysers.
- CALIB
- Multiple stream selector (2 to 6).



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>