

SO₂

CHROMA S

A sulphur compound analyser
A highly automated system for routine online field measurement of
COS, SO₂, CS₂, H₂S, Mercaptans, Sulphides...

CS₂

ppm

ppb

%

In Natural Gas

In Air (indoor or outdoor)

In Pure CO₂



In Stack emission

H₂S

Principle :

The **CHROMA S** is a fully automatic isothermal gas chromatograph. The gas sample comes through the sampling **loop**. **Range is link to the size loop and electronic amplification.** Then the sample is injected into the column for separation. A controlled temperature oven permits to choose the ideal temperature according to the application. The temperature setting is **isothermal**.

Detection is achieved by a **photometric detector double flame**. No quenching with the double flame **We have linearization by compounds** The identification of the compounds is based on their retention time of elution from the column.

Automatic data validation with internal calibration using a permeation tube are in option. 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.
 - Hydrogen and zero air generator for transportable analysers.
 - **CALIB XXX931**
 - Multiple stream selector (2 to 6).
 - Nitrogen generator XXX912
 - Dilution system
 - Heated line

COS



Total Reduced Sulfur (TRS)

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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