BCME/CME

methylenechloride

dichloroethane

tetracchloroethylene

chlorobenzene

tetrachloroethane

airmo BCME/CME

A GC with a detector by conductivity for online Survey of BCME (Bi Chloro Methyl Ether) CME (Chloro Methyl Ether) and/or Total Halogens (option)

Environnement:
Analysis of CME/BCME in indoor air
Total Halogen analysis in Air or Gas (option)

Toxicity
BCME/CME and halogen

Process:
Industrial Hygiene
Fence line

Principle

- This instrument uses an injection valve with a **single trap**, **cooled at 14 °c by Peltier effect**
- Sampling flow 20 /70 or 250 ml/min
- **Capillary column (0.53) heated at 120°c** .
- Miniaturization, sensitivity, mobility and flexibility are its main features. Everything from the sample port up to the data storage is integrated in a 19"-rack 4U.
- **Isothermal temperature** of the oven and pressure/flow control of the Helium carrier gas by the **valve**.
- **Before final delivery the analyser is tested for two weeks by the quality control department.**
- **Conductivity detector**. Halogen Specific with Propanol .The response is due to the formation of HF,HCL, HBr or HI .**These acids are formed by hydrolysis of some halogeneted hydro carbon .**
- Bi-directionnal RS-232 to transfer **data temperature, pressure, status and results to the computer**.
- The Vistachrom software enables the user to view and store data on a PC. It provides comfortable user friendly utilities to recalculate, calibrate and export data and to configure the measurement.
- The software allows the calculation of retention time, area, mass or concentration profiles, in **any international measuring unit.**
- Calibration for validation : we use a permeation tube diluted by air for calibration.

Options :

Automatic validation and **specific calculation**
- 24 V power supply.
- Catalytic oven for Total Halogens
- **Multiplexer : 6 streams in standard**
- **Analogic or digital output**
- **Alarms**

Analogic or digital output or alarm.