

In order to maintain the quality of our analyzers, we offer our standard guarantee only if recommended peripherals are used.

Sampling solutions

When validating the results obtained, it is critical to ensure that a quality sample is brought to the instrument. Chromatotec® offers sampling solutions:

- Multiplexer : 4U rack, up to 10 streams
- Dryer for (airmoVOC C₂C₆)
- Regulators, flow control
- **Liquefied gas heated regulator (XXvalve LPG)**
- Line pump
- Condensation pot
- Dilution systems
- Tubing, heated lines
- **Purge & Trap (method 502-2)**



Multiplexer 16 streams



Purge & Trap cabinet

- Vacuum pumps
 - airmopump : pump for single instrument ambient sampling
 - Line pump : pump for multiplexer vacuum

Calibration modules (permeation tubes for Validation)

We offer the solution of permeation tubes for auto-calibration. We supply permeation tubes which are very stable at trace level concentrations. Temperature and pressure are fully controlled. Used for **ISO 17025 instrument calibration**. Our systems enable the use of both high pressure gases and permeation tubes calibration, for intercalibration / intercomparison.



airmoCAL MFC 4U

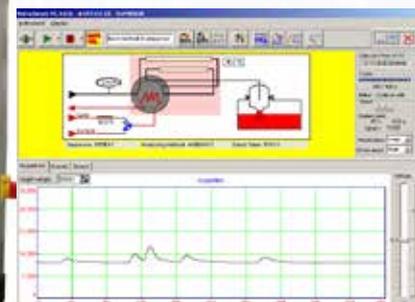
- **Calib installed in the analyzer:**
 - Calibration with one permeation tube
 - Fully automated with autocalibration capability
- **airmoCAL 4U:**
 - Calibration module (three permeation tubes) = sample+zero+cylinder+Calib
- **airmoCAL D 4U (Dilution):**
 - Zero, Calib (permeation tube), span (Cylinder as Standard) & sample
 - 4 points dilution of cylinder gas via critical orifices or MFC
 - Calibration curve for linearity

Software and Computer solutions for tracability

Chromatotec® has its own **Windows™ embedded** based software to monitor and control the analyzers.

- **Module automation:**
 - Special calculations: averages, alarms (TWA)
 - "Live signal"
- **Software configurations : VistaCHROM:**
 - Standard and custom methods
 - Special calculation (units ,averages, totals)
- **Remote control (Option):**
 - Remote monitoring via phone line or LAN
- **Communication Protocols Modbus parameters such as; pressure, temperature...:**
 - Modbus RTU, Jbus, German protocol
 - Analog output
- **24V DC for analyzers or computers**

**Wall mounted computer
integrated with color touch
screen**



We test and engineer gas generators in order to obtain optimum analysis.



Gas generators for high stability & purity

- Hydroxychrom : 4U : H₂ generator
- airmopure, air generator
- Nitroxychrom : N₂ generator



Hydroxychrom



airmoPURE



Nitroxychrom

Special design systems



Wall mounted cabinet for industrial environment



Mobile laboratory



Cabinet inside Shelter

- 33U Cabinet enclosure with air conditioning option
- IP up to 66 cabinet enclosure
- Wall mounted rack, such as process GC
- **Combined systems: airmOzone:**
- Up to 3 analyzers controlled by 1 supervisor
- 1 single gas supply for several instruments



NORTH AMERICA
Houston - USA

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Bordeaux - France

ASIA
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