

airmoC10C18

Is able to analyze up to 16 HAP compounds or hydrocarbons

Process

Industrial Hygiene
Fence line

- 1 Naphtalene (C₁₀)
- 2 Acenaphtylene
- 3 acenaphtene
- 4 fluorene
- 5 phenanthrene
- 6 Anthracene (C₁₂)
- 7 fluoranthene
- 8 pyrene
- 9 benzo(a)anthracene
- 10 Chrysene (C₁₄)
- 11 benzo(b)fluoranthene
- 12 benzo(k)fluoranthene
- 13 benzo(a)pyrene (C₁₆)
- 14 indeno(1,2,3-cd)pyrene
- 15 dibenzo(a,h)anthracene
- 16 benzo(ghi)perylene

NEW applications

Wastewater,
(head space/ppt). Drinking
water
INDOOR Ambient air control

Environment

Urban/Non urban area
pollution control
BTEX/PAMS/CE analysis
Hydrocarbons analysis
Out of plant

EPA Method 610
EPA Method 8100

• Principle :

The airmo C₁₀/C₁₈ uses a valve with 1 sample trap.
It also features a **metallic capillary column**.

⇒ Miniaturization, sensitivity, mobility and flexibility

Everything from the sample port up to the data storage is integrated in a 19"-rack 4U or 5U.

⇒ **Sampling** with pre-concentration on 1 absorbent tube with two packing

⇒ Gas chromatograph with 0.2 mm ID metallic column and **programmable temperature gradient oven to 300°C and pressure / flow control of the carrier gas by piezo-valve (gradient).**

⇒ After production one week in gas before quality control. 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 software allows the calculation of retention time, area, mass or concentration profiles.

• Options :

- MODBUS / JBUS or MGS1.
- Analog output 4-20 mA or 0-10 V or alarms.
- **Automatic validation and calibration**
- 24 V power supply.
- Hydrogen and zero air generator.
- Multiplexer : 2 to 6 streams
- **Heated line**
- Specific applications



Chromatotec is specialized in VOC, sulfur 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>

Printed Matter Reference: tsp_a10_01e_airmoc10c18_080916_w.doc

Naphtalene
HAP

C18

PGMEA

PHENOL