

airmo BTX 1000

Ref. A31022 & A34022(with CALIB)

A GC/FID for automatic monitoring of BTEX in air, water and soils

It is the only instrument to have DIN approval (Norm **DIN 33963** part I and II) for both mobile and fixed measurement of BTEX. Testing was carried out by the respected **TÜV Laboratory**.

Beverage & Food Industry

Waste water, drinking water
(ppt level / headspace).
CO₂ quality used in the beverage

Environment

Urban Pollution monitoring
BTEX analysis for nonurban
areas

Industry

Fence line
Industrial Hygiene
Process



◆ Principle :

The airmoBTX 1000 is a dedicated BTX-monitor for the analysis of traces of **benzene, toluene, ethylbenzene, m/p-xylene, o-xylene** in air, water and soil:

- ↳ 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 5U with internal computer

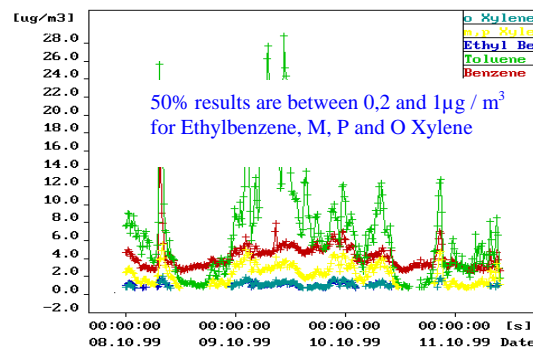
- ↳ Uninterrupted sampling with pre-concentration on adsorbent tube.
- ↳ Thermo-desorption.

Gas chromatograph with metallic capillary column and programmable temperature gradient oven and pressure/flow control of the carrier gas by piezo-valve.

The Vistachrom software enables the user to visualize and store data on an **internal computer**. 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.

External pump : airmoPUMP XXX901 is delivered with tubing to airmoBTX



Trend of BTEX concentrations on a period of 72 hours. (Bordeaux – France area)

◆ Options :

- ↳ A MODBUS / JBUS or MGS1 communication protocol.
- ↳ Analog output 4-20 mA or 0-10 V.
- ↳ Hydrogen and air zero generator.
- ↳ Multiple stream selector (2 to 6).
- ↳ 24 V power supply
- ↳ **A34022 = A31022 plus CALIB (permeation tube)**

Chromatotec is specialised in VOC, sulphur, O₂/CO/CO₂/NO_x, combustion gases 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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