

Benzene
Toluene

Ethylbenzene

Xylenes (o,m,p)

STYRENE
1,3-butadiene optional

Gas Analyser GC866

airTOXIC^{BTX} PID

A GC/PID for automatic monitoring of BTEX.
In air, water and soils

A73

A74

Process: Industrial Hygiene
Fence line

Environment: BTEX: 5 or 6 compounds

In non urban area 0,032 to 32.5 µg/m³ 0-10 ppb

In urban area 0,32 to 32.5 µg/m³ 0-100 ppb

In Fence line refinery 3.25 to 3250 µg/m³ = 0-1 ppm

Indoor air

Outdoor

BTEX + CALIB in standard + Styrene + cyclohexane = A73022

- BTEX (without Calib) = A74022

- BTEX + 1.3-butadiene = A76022



Model airTOXIC BTX

According to EN 14662: No interferences with BENZENE

Principle of the airTOXIC^{PID}

- This instrument uses a port valve with a **single absorbent trap**, and a **30 meter metallic 0.28 mm ID column**.
- It has a minimum detection level of as low as **10 ppt** for Benzene or 1.3-Butadiene (A76022) in ambient air.
- 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.
- Programmed **gradient temperature** up to 202°C of the column oven and pressure/flow control of the carrier gas. **Before final delivery the analyser is tested for one week by the quality control department.**
- Photo ionisation detector (PID), 10,6 eV lamp.
- **Self-cleaning of the lamp for high stability**
- Bi-directionnal RS-232 C to transfer data and results to the **internal computer**.
- The Vistachrom software enables the user to view and store data on a industrial computer. 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 measuring unit.
- **CALIB in standard in A73022** / Flow=50ml/min N2 or air continuously and 180 ml/min for 6 minutes in calibration method (one by day)
- **Valve for external gas bottle calibration in A74022**
- LCD DISPLAY for data and viewer

Options

- Digital output: communication protocol.
- **CALIB for A73022**
- **Automatic** validation and autocalibration
- **Nitrogen generator up to 200 ml/min**
- Modem support and PC anywhere
- 4 Analog output 4-20 mA or 0-10 V.
- 1.3-Butadiene (A76022)
carrier 7 ml/min Permeapure = 180 ml/min

**PID HIGH STABILITY WITH SELF CLEANING LAMP
LCD DISPLAY
COMPLETELY AUTOMATED ON LINE ANALYSER**