

Customer care : From 9 am to 6 pm, we are at your disposal for service gas analyzer / software / computer/ maintenance and calibration.

Chromatotec Bulletin

Issue – February 2006

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Involment in the Middle East

As a **key market** for the future of our group, our goal, today, is to **develop our market shares** in the whole Middle East with **exhibitions and local support**.

Exhibitions: After our participation to the Environment 2005 Fair in Abu Dhabi, we now exhibit at the **Arab Lab Fair in Dubai from 13th to 16th February 2006**.

Sales in the ambient air market: In the Middle East, we are present in **several countries**. Air polluting monitoring has been running now since several years.

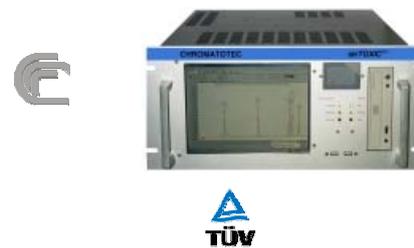
Ask us to know our distributors

Visit our booth # 327 Hall 8

NEWS

European certification

In January 2006 the **airTOXIC PID analyzer** has received the accreditation for the analysis of 5 products B T E X by a European organization dedicated to Research Development, according the **directive 69/2000**.



We recall that the analyzer **airmoBTX 1000**, with its FID detector system, is the only instrument that received the DIN 33963 norm parts I & II in 1996 approved by the TÜV laboratory for the analysis of BTEX.

Protection of process and catalysers

Known as analyzer for the **detection of sulfur compounds** for gas odorization companies, our analyzer, **EnergyMEDOR ppb**, can also analyze the sulfur compounds before and after the purification system. **Sulfur compounds** at ppm or ppb level destroy catalysers

Send your inquiry to info@chromatotec.com

EXHIBITIONS 2006

ANALYSE INDUSTRIELLE – PARIS-LA DEFENSE
 31 January – 2 February 2006
<http://www.mci-salons.fr/ai>

ARAB LAB – DUBAI
 13 – 16 February 2006
<http://www.arablab.com>

ACHEMA – FRANKFURT
 15 – 19 May 2006 – Booth 10.1K41
<http://www.achema.de>

AWMA – NEW ORLEANS
 20 – 22 June 2006 – Booth 325
<http://www.awma.org>

GTI – HOUSTON
 July 2006
<http://www.Gastechnology.org>

airTOXIC PID BTEX Performances

- ✚ Measurement of Benzene, Toluene, Ethyl –Benzene, o-m-p Xylene (BTEX)
- ✚ PID detector
- ✚ In-built computer
- ✚ N2 only used
- ✚ Self cleaning of the lamp

Purpose:

- Monitoring air quality for **ambient air networks**
- Monitoring the pollution compounds in an **industrial environment**

Results:

- **Accurate sensitivity** and better follow up of the polluting compounds
 - o **Modbus communication** protocol enables to centralize the information
 - o **A multiplexer and alarm pilot system** allows to identify easily the polluting compounds
 - o **Internal calibration** tube allows to analyze with a standard

Send us your emails to receive our News every two months

Explosion proof cabinet

In a partnership with companies specialized in the manufacturing of **Ex p cabinet**, we can propose you to install our **CHROMA** (*detection of impurities in gas or air*)-or our **MEDOR** (*detection of sulfur compounds in gas or air*) **analyzers in a ex Hazardous areas** with applications in the chemical, petrochemical, process industries.

For Example

Application: natural gas plant

On-line analysis in hazardous area of THT with our THTMEDOR Application in a gas natural plant of an THTMEDOR



THTMEDOR in a ex P cabinet in South Korea

Specific Sulfur Control with our airmoQuality

The cabinet allows the operation from **sampling to data transfer**. The GC with double flame photometric detector enables to **separate H₂S and COS** as well as to delete any interference with methane. Besides a traceable calibration mixture of **6 sulfur compounds** balanced in **pure methane** is used. The **high signal-to-noise output** makes the monitoring at low / mid ppb levels possible.

This cabinet is well adapted for field installation in accordance with **Ex guidelines**.

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H₂S & Mercaptans: application in screening building

Protection in the screening building of **the waste water plant with a H₂S detector to measure sulfurous compounds** (-methyl-mercaptans & H₂S) in ambient air;

process:

- **with a sampling sequencer system**, the intakes lines are setup **to stop the humidity** around the screens reaching the analyzer.
- **With a supervising system and visible and audible alarms**, concentrations compounds can be monitored locally but also externally.



New analyzer for detection of volatile Total Reduced Sulfur compounds in ambient air, TRSmedor

Natural gas analyzer in 7 min ChromENERGY C₁/C₆+

Refinery application:

Our ChromENERGY C₁/C₆+ with its new **backflush column and a single valve** enables to purge out effectively the C₆+ components of the column and therefore will not influence the analysis of C₁ - C₆; this will allow **to reduce the time analysis considerably**

VistaCHROM news Automations modules



- Statistics calculation
- Calculation of rolling averages
- Filing
- Alarms monitoring
- I/O monitoring
- G/C monitoring (default analyzer)

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