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EXHIBITIONS 2011

CIEPEC 2011 - CHINA

China International Exhibition Center,
Beijing
(7 - 10 June 2011)

A&WMA 2011 - ORLANDO, FLORIDA USA

Coronado Springs Resort
(21 - 24 June 2011)

ASGMT 2011 - HOUSTON, TEXAS USA

Marriott Houston Westchase
(19 - 22 September 2011)

CEM 10th International Conference and Exhi- bition on Emissions Monitoring - The Czech Republic

Corinthia Prague Hotel - Prague
(5 - 7 October 2011)

POLLUTEC 2011 - FRANCE

Paris Nord Villepinte
(29 Nov. - 2 Dec. 2011)



Airmozone in China

With more than 15 airmozones sold in China since 2008, our China's office insure the quality of our service after sell with the on-site assistances, the demonstrations etc.



We provide English technical documents like the installation's, manual, easy start, easy calibration... and also give Marketing documents in Chinese like key products, market presentation, Technical Sheet Paper...



挥发性有机物监测系统 (A52022 型)
(包括 airmo VOC C₂-C₆/ VOC C₆-C₁₂ 气相色谱仪)

GC PROCESS
Cabinet

Analysis of sulfur compounds in air

Problems of odor emissions from local paper plant.

Analysis of sulfur compounds in ambient air at ppb levels requested. Client has SO₂ analyser in situ, showing levels of approx 0-10ppb in general.

The concentration variations of SO₂ for our analyzer and the current system followed the same trend throughout the 10 day period.

However, the TRS Medor has a much higher response to SO₂ which is seen in the higher concentration values obtained. Unlike the competitor, the TRS Medor offers measurement & speciation of other sulphur compounds:

In this instance:

Methyl-mercaptan	(Me-SH)
Ethyl-mercaptan	Et-SH)
Hydrogen sulphide	(H ₂ S)
Di-methylsulphide	(DMS)
Di-methyl di-sulphide	(DMDS)

From the results obtained, we have found that not only SO₂ was present, but also other harmful Sulfur species which are causing the high odor levels in the area.

To prove our performance in the VOC field in China, since August the 18th 2010, our product has a Chinese certification named the Pattern Approval Certification according to the Metrology Law of the People's Republic of China.



DO YOU NEED TO IDENTIFY COMPOUNDS BY THEIR MASS ?

Give us your feed back : info@chromatotec.com



MCERTS CERTIFICATION

The MCERTS tests are made on four analyzers, placed in a cabinet by the National Physical Laboratory (NPL) in London:

- 2 airmoVOC (FID) – measurement of 12 compounds
- 2 airTOXIC (PID) – measurement of 6 compounds

During the tests, performance criteria of 14662-3 norm are followed. Generally the time needed to pass these tests is 3 months for the laboratory tests and 3 months for the field test.

Chromatotec has already passed the following tests:

- linearity
- repeatability
- short term drift
- memory effect
- dependence on voltage
- cross interference with organic compounds: OK for PID



MCERTS certification is in progress, preliminary tests have permitted improvements in methods protocols and results accuracy. We hope to have certification at the end of the year 2011.

WATER QUALITY MONITORING: THE AIRMOPURGE

Chromatotec currently develops a new option for this market: the “purge” for identification and measurement of purgeable volatile organic compounds (VOC) in air and water. This solution is in compliance with 502.2 method of the US Environmental Protection Agency.

The application fields are VOC in environment (raw source water, river water, seawater and rain water) and VOC in potable water (finished drinking water and bottled water).



Chromatotec airmoPURGE

This instrument extracts (“purge”), concentrates (“trap”), detects and quantifies VOCs after speciation thanks to the column. The airmoPURGE solution is installed in a 33U cabinet and analyses 21 compounds from C₆ to C₁₂. The linear range is 0.5 to 20 µg/L and the method detection limit for BTEX is 0.05 µg/L.

Data are stored on hard disk of the integrated computer thanks to the analyzer functioning software and the presentation of the results “Vistachrom”. The oven and the permeation tube allow auto-calibration of the analyzer in continuous.

Chromatotec complete solution includes airmoPURE (zero air generator), Nitroxychrom (nitrogen generator), Hydroxychrom (hydrogen generator), an airmoCAL with dilution option, an airmoVOC C₆-C₁₂ and the purge system for finished drinking water (a sampling system is needed for non filtered water).



Purge & Trap cabinet

ECOREMOTE® XPe

THE BRAND NEW SYSTEM OF PROJECT AUTOMATION FOR THE COMPLETE MANAGEMENT OF AN AIR QUALITY MONITORING STATION

EcoRemote® XPe is the peripheral system for the management of an air quality monitoring station which supports the complete data management process.

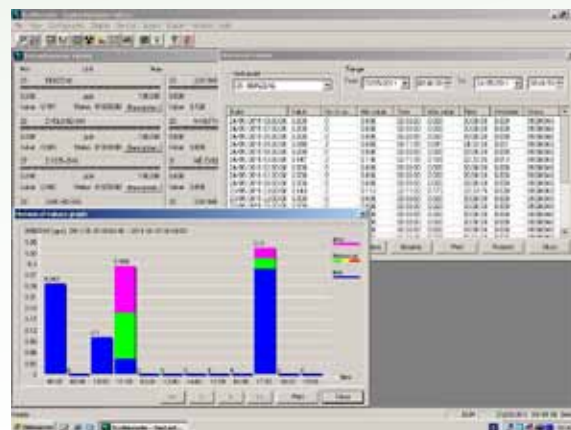
The main operative functions are:

- instruments management (data acquisition, elaboration and validation)
- calibration and diagnostics management
- alarms and archives management
- communications management

Hardware and software architecture is based on an embedded Personal Computer platform, external I/O modules, modem, Microsoft Windows XP operating system and application software EcoRemote® entirely developed and maintained by Project Automation.

The main characteristics of EcoRemote® XPe are:

- expandability (up to a maximum of 128 instruments)
- flexibility in managing different types of instruments
- configuration of station and instruments
- data and alarms storage
- “special” instruments management (such as Chromatotec analysers for the measurement of BTEX, VOC, sulphur and many others)
- export format compatible with the main software packages available in the market.



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