

EXPERTS IN GAS ANALYSIS

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June 22-25, 2010

Calgary, Alberta, Canada
Calgary Telus Convention Centre
Booth 728

EXHIBITIONS 2010

Natural Gas Odourisation – USA
Houston - TX – May 25-26 2010

ACHEMASIA 2010 – CHINA
Beijing – June 1-4 2010
<http://www.achemasia.de>

AWMA 2010 – CANADA
Calgary - June 22 - 25 2010
<http://www.awma.org/ACE2010/>

ASGMT 2010 – USA
Houston TX – Sept 20-23 2010
<http://www.asgmt.com/>

POLLUTEC 2010 - FRANCE
Lyon Eurexpo - Nov. 30th to Dec. 3rd 2010

GASTECH 2011 – NETHERLANDS
Amsterdam RAI – March 21 - 24 2011
<http://www.gastech.co.uk/>

MEDOR Cl_2 : Cl_2 analysis at emission

The MEDOR Cl_2 can be used in Waste Water Stations, in order to control the emission of gas Cl_2 produced after the use of sodium hypochlorite. The analysis of Cl_2 at emission is requested with an alarm at 1 mg/m³.

The MEDOR Cl_2 is a gas chromatograph with a wet cell for detection. The intercomparison between different standards of gas Cl_2 (cylinder, permeation tube and electrochemical gas generator) shows linear results on a concentration range from 0.1 to 2 mg/m³.

The stability of measurements is checked by the injection of the DMS (internal standard of the analyzer) at each analysis cycle.

PID airTOXIC certification from Republic of China

Chromatotec airToxic analyser (BTEX measurement with PID) have obtained pattern approval certification from Republic of China. Thanks to our Chinese distributor and our technical and business agent in Pekin. Airtoxics tests for Chinese certification have been leaded at the Pekin Institute during several months. These tests are similar to tests from the European standards



2010-C123

批准部门
Approval authority
批准日期 二〇一〇年三月一日
Approval date



Chroma S 5 ppb for Chinese market

Chromatotec has made a new application with Chroma S especially for the Chinese market : This chromaS 5 ppb is able to measure : H_2S , MM, EM, DMS, CS_2 , DES, DMDS, SO_2 ,

Low Detection Limit 5 ppb in ambient air monitoring and industrial area. In 2009, Vistachrom 1.46 our new software version, uses automatic calibration (DMS from permeation tube) and automatic results taking account of linearization calculations that permits to rectify the well known lack of linearity of the FPD detector.

For each compounds, we have drawn linearization curves and obtained formula (power type) we integrate in substance table in substitution of response factor. The results are validated for SO_2 by comparing with SO_2 chimio luminescence system



chromaS system

Customer care: from 9 am to 6 pm (CES Time), we are at your disposal for service / gas analyzers / software / computer / maintenance and calibration. To receive our news, send your email to info@chromatotec.com

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Distributor commercial training event

In May we organised a 3 day commercial training event for many of our distributors entitled "How to Win Orders with our Analysers".

The event was well attended by distributors from all over the world who as well as hearing about our competitive advantages, case studies, current and new applications also had the opportunity to give their feedback on our marketing materials and to share their experiences of selling and working with our analysers in various markets. It wasn't all work, work, work though as events such as wine tasting and a visit to the coast at Arcachon were organised as a thank you for their participation.



The next commercial training will take place on July 21st and 22nd.

Peripheral equipment – new document

Getting an instrument to accurately measure trace impurities continuously on line (low ppm, ppb or even ppt) can end up being a costly and difficult experience if the recommended ancillary equipment is not used. Measured molecules such as sulfur compounds and VOCs require special handling in order for the instrument to provide the most precise measurement.

Our many years of experience have allowed us to design and test complete analysis systems. We have reflected this experience in a new document to promote the recommended items we supply for use with our market leading analysers. These important items include, gas generators, sampling systems, calibration modules, computer software and special design systems that enable us to offer complete turnkey solutions.

If you would like further information or a copy of our new peripheral equipment document, please contact us: info@chromatotec.com

Water quality monitoring: the Purge & Trap

Why measure volatile organic compounds (VOCs) in water?

Water quality is one of preoccupations of all populations. Water is a consumer good and its control is a necessity.

Chromatotec have developed a new option for this market: the "purge". This solution is in compliance with the US Environmental Protection Agency method 502.2.

Chromatotec's Purge & Trap solution.

This instrument extracts ("purge"), concentrates ("trap"), detects and quantifies VOCs after speciation thanks to the column. Three models exist for analysing 30, 50 or 60 VOCs.

Data are stored on the hard disk of the integrated computer thanks to our "Vista-chrom" software which controls the analyser and presents the results. The oven and the permeation tube allow auto-calibration of the analyzer in continuous operation.

Turn key solution



Turn key solutions and quality services :

Chromatotec, expert in gaz analysis, maintains a high level of quality and services with continuous improvement in two main domains: new applications development and the Quality development

Chromatotec is permanently involved in new product developments that permit to answer to requirements of Universities, Central laboratories or State Institutes. Some examples of new recent applications:

- measurement of VOC in natural gaz
- measurement of acetone and acetaldehyde with PID and loop for photocatalyse market
- measurement of VOC in water with purge and trap system (502-2 method USEPA)
- measurement of Cl₂ at emission in a linear range of 0.1 to 2 mg/m³.

Chromatotec is also permanently involved in quality improvement. As example Quality Control test for each analysers sold is made during 1 week minimum before delivery. Most of our competitors don't do that. By this way Chromatotec never have customer product returns. This main objective of this test is calibration of the analyser and result validation. A quality Control report is delivered containing all characteristics of linearity , repeatability , precision, base sensitivity, Low Detection Limit.....

Chromatotec good practices are mainly taken from two standards :

- EN 14662-3 on performance criteria for Benzene measurement
- EN 17025 on general requirement on ability for calibrating laboratories

Chromatotec good practice have permitted to improve result validation and to have recent success worldwide like ASTM standard, Chinese certification, US EPA validation tests. And Chromatotec have now started the process to obtain COFRAC (French EN 17025 accreditation) for calibration of benzene analysers.

purge & Trap cabinet



AMERICA – UNITED STATES

18333 Egret Bay Blvd, Suite 270
Houston TX 77058
Ph +1 281 335 4944
Fax +1 281 335 4943



EUROPE – FRANCE

15 Rue d'Artiguelongue
33240 Saint-Antoine
Ph. +33 (0)557 940 626
Fax +33 (0)557 940 620



ASIA – CHINA

Room 765, Office Tower, Poly Plaza
No.14, Dongzhimen Nandajie,
Dongcheng District
Beijing 100027
Ph. + 86 10 65 52 75 98
Fax + 86 10 65 53 38 98

