

Online Gas Analyzer Experts Air, Water and Soil

We are specialized in the manufacturing, sales and maintenance/calibration of gas analyzers in niche markets

• The range of products is as follows:

► airmotec : VOC in Air and in Water



Front face of the airTOXIC

► Medor® : sulfur in Air, Natural Gas or Biogas



Medor® Exp CSA

► Chroma : impurities in Pure Gas or Air



Front face of the CHROMA S

• Design and installation:

► Turnkey units for gas process control



Special airmOzone cabinet



Purge & Trap cabinet

SOME REFERENCES:

- | | | | |
|-----------------------------|--------------------------------|-----------------------------------|--------------------------------------|
| • SGS | • Philadelphia Gas | • DCNS (French Marines) | • Europe air monitoring stations |
| • Defense Ministry (Taiwan) | • North West Natural Gas (USA) | • Dalkia | Germany / France / Benelux / |
| • Samsung | • Dominion (USA) | • Elyo | United Kingdom / Spain / Italy / |
| • ST Micro Electronics | • Southern California Gas | • Arkema | Austria / Croatia / Slovenia / |
| • KNOC | • Gaz De France | • Bayer | Hungary / Poland / Slovakia / |
| • Hyundai (Korea) | • Italgas | • Benz | Bosnia / Czech Republic / Serbia |
| • SONOTRAC | • Enagas | • Aventis | • Africa : South Africa / Benin |
| • C.R.B. Birine (Algeria) | • Distrigas (E.E.C.) | • BASF | • Asia : meteorology & ambient |
| • CORAF (Congo) | • KOGAS | • TOTAL | air networks TEPA |
| • COGEMA (Niger) | • ENI | • Waste Water Treatment plants | (Taiwan / Korea / China / Thailand / |
| • STEG (Tunisia) | • PETROBRAS | Paris town, SIAAP | Indian Institute for Tropical |
| • SASOL (South Africa) | • Beijing Gas Company | • Metrology institute | Metrology) |
| • Schlumberger (UAE) | • Shanghai gas (Chine) | (EPA, LNE, INERIS, Ecole | • Messer |
| • ARAMCO (Saudi Arabia) | • ALSTOM | des Mines, China National | • Linde |
| • Pacific Gas Engineering | • DEGREMONT | testing Center) | • Takachiho |
| • PSE&G | • VEOLIA | • Americas : ambient air networks | • Taiyo (Japan) |
| • People Energy | • THALES | (Canada / USA / Brazil/Argentina) | • Air Liquide |

• Description of the Service group:

► In the US (Houston, TX):

- Chromatotec® Inc. : Sales and Service for North America

► In Europe (France):

- Chromatotec® SARL : Holding of the group
- airmotec SAS : International Sales
- Chromato-Sud : Manufacturing site

► In Asia (Beijing):

- Sales + support



Laboratory in
Saint-Antoine FRANCE



Beijing Chromatotec Trading
Co. Ltd - China



Buildings in St Antoine
FRANCE for Training



Workshops in
Virsac FRANCE

Chromatotec® is certified ISO 9001

NEW ! GAS ANALYZERS WITH IN-BUILT COMPUTER Serie GC 866

- ▶ The airmoBTX 1000 has TÜV approval on all BTEX compounds (1996). The airTOXIC and airmoVOC both have European Certifications (2013) : EN 14662-3 / EN 15267-1 / EN 15267-2
- ▶ The Medor® has ISO certification 6326/2 and meets DIN 51855/7 in Natural Gas and Air
- ▶ Our gas analyser « energyMEDOR® » has been chosen as reference system for the ASTM D7493-08 norm

- ▶ VOC and BTX
- ▶ Air and gas analysis stations
- ▶ Odour in air or gas
- ▶ Formaldehyde

Product for pure gas / air / natural gas :

- ▶ airmoBTX
- ▶ airmoVOC
- ▶ airMEDOR®
- ▶ energyMEDOR®
- ▶ New MEDOR® EXp

- ▶ Gas analysis with online results
- ▶ chromaS



Hydroxychrom



GC process cabinet

Engineering global solutions with integration of automation systems



Multiplexer

- ▶ Multiplexer
- ▶ Peripheral equipment
- ▶ Alarms

- ▶ Explosion proof rack
- ▶ Wall mounted rack
- ▶ Communication protocols...



Process control : turnkey integration of an analysis system in a shelter

- ▶ Vistachrom: all products are controlled by the software Vistachrom running under Windows. Piezo Valve to control carrier gas
- ▶ airmOzone & airmTWA : complete automated cabinets and **data transfer with remote control** to Chromatotec® laboratory
- ▶ Manufacturing of pure gas analyzers

- 2016** US EPA recommends Chromatotec Analyzers for VOCs monitoring in ambient air Development of PAHs analyzers with MS
- 2015** ATEX certification for Zone 1 and 2
ISO 17025 certification in progress (benzene calibration)
Creation of 2 private analysis stations in Saint-Antoine and the Arcachon Bay
MEDOR® : 40 years of expertise in gas analysis
Brand new R&D laboratory
- 2014** Rich year for Chromatotec with ISO 9001 certification of the company, the GOST certification for our analyzers for Russian market and new ATEX certification opening the doors for new markets in Petroleum, Gas and Oils.
Our Chinese subsidiary has become a Trading company.
- 2013** European mCerts certifications: **EN 14662-3 / EN 15267-1 / EN 15267-2**
airmoVOC certificate number: SIRA MC 130231/00
airTOXIC certificate number SIRA MC 130230/00
Establishment of a Chinese subsidiary in Beijing.
- 2012** GC/MS analyzer for industrial or laboratory applications.
New Vistachrom 1.47
- 2011** European **mCerts certification** for VOC analyser EN 14662-3.
- 2010** Purge and Trap cabinet for VOC analysis in water. PA 2010-C123 by China National testing center.
- 2009** ASTM Standard Test Method for Online Measurement of Sulfur Compounds in Natural Gas. New commercial building with training room.
- 2008** chromaS Specific detection with FPD of CS₂, COS, SO₂, in addition to THT, H₂S, Mercaptans, Sulfurs- NewVistachrom 1.46
- 2007** New model : SO₂ analyser - New application : TO14 for halogenated compounds
- 2006** European Certification (CNR - Italy) of GC866/airTOXIC - BTEX with PID detector
- 2005** MEDOR®-1975 - 2005 : 30 years experience in H₂S and Mercaptan analysis.
New office in Beijing : Mr Wang Xiao Ming is your support in China
- 2004** airmotec AG Switzerland becomes airmotec AG SA, domiciled in Bordeaux, France.
Launching of the new halogenated compound detector.
Total New range - Computer inside - Completely autonomous on line monitoring.
- 2002** Production site airmotec ag moved from Switzerland to France in Virsac (near Bordeaux)
Launching of the range airToxic with new PID detection in ambient air and industrial hygiene (Low cost instruments). Installation of cabinets in explosion proof areas.
- 2001** Big investments in Research and Development in two leading projects :
 - New model of airmOzone : Complete rack-mounted system for the so-called ozone precursors (up to 55 VOC's EPA).
 - Vistachrom project: Piloting software of our instruments running under Windows.
 - Establishment of an American subsidiary, Chromatotec Inc in Houston
- 1996** New headquarters for CHROMATOTEC® Group in SAINT ANTOINE near Bordeaux (France - Europe) with laboratory and workshops
- 1990** Creation of airmotec AG, Switzerland (Instruments dedicated to the analysis of ambient air, a technology coming from the Swiss pharmaceutical industry).
- 1986** Foundation of the firm CHROMATO-SUD by the current managers in BORDEAUX.
- 1975** Medor® range launched on the market by RN Electronique with «Gaz De France», (Research Center)

www.chromatotec.com