

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

● **The range of products is as follows:**

● **Design and installation:**

● **Description of the Service group:**

▶ **airmotec** : VOC in Air and in Water

▶ Turnkey units for gas process control

▶ **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



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



Special airmOzone cabinet



Purge & Trap cabinet

SOME REFERENCES:

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



Laboratory in Saint-Antoine FRANCE



Beijing Chromatotec Trading Co. Ltd - China



Buildings in St Antoine FRANCE for Training



Workshops in Virsac FRANCE

KNOW-HOW

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

Engineering global solutions with integration of automation systems

- ▶ Multiplexer
- ▶ Peripheral equipment
- ▶ Alarms

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



Multiplexer

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



GC process cabinet



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

COMPANY MILESTONES

- 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)

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