ENVIROMENT S.A is a world-wide designer and manufacturer of high-precision measuring instruments and analyzers approved by international institutes and authorities.

We are committed to provide Best Available Techniques (BAT) and highest quality products and services for main continuous monitoring applications:

- Air Quality Monitoring Systems (AQMS)
- Continuous Emission Monitoring Systems (CEMS)
- Engine Exhaust Gas Monitoring System (EGAS)
- Water Quality Monitoring System
- Radionuclide Monitoring System

With more than three decades of activity and experience, our brand name has become internationally renowned and is identified as image of accuracy, reliability, leading-edge technology and innovation. Environnement S.A are committed to research and innovation permanent investment for developing new products to meet the ever-changing technical and regulatory needs of our industry.

Our broad analysis products range is also supported by one of the largest worldwide sales and service organisation, through a dynamic and expert network of nearly 80 Companies and Partners. This strong international presence is further supported by our corporate-owned subsidiary organisations in Italy, Germany, China, India and the United States of America.

Environnement SA’s factory trained Field Service Team provides expert services (hands-on and technical support) for your equipment all over the world.

As supplier to the environmental fields, we integrate environmental factors into our day-to-day activity. This has resulted in the development of Quality and Environment management systems that meet the requirements of ISO standards 9001 and 14001.

Continuous Emission Monitoring Systems

ENVIROMENT S.A, leading analyzer manufacturer, designs and produces a complete range of state of the art analyzers, sampling systems, data acquisition and software for the measurement and reporting of regulatory pollutants such as: CO, SO₂, NO, NO₂, O₃, H₂S, HCN, CPF, CH₄, THF, NMHC, TCO, N₃, N₂O, H₂O, TRS, G, H₂, Temperature, Flow, Pressure, Particulates, Mercury, Furans, Dioxins...

111 boulevard Robespierre
BP 84513 - 78304 Poissy Cedex - FRANCE
Tel. : +33 (0)1 39 22 38 00 - Fax : +33 (0)1 39 65 38 08
www.environnement-sa.com
contact : info@environnement-sa.com

WEX software (DAS-CAS)

Sampling Lines
- Dry, not heated
- Heated

Flue gas treatment
- Furnace
- Boiler
- Turbine
- Process...

Sampling and Conditioning Systems
- Dilution (MDS Series)
- Dry extractive (SEC)
- Hot extractive (HOFI / LCPD)
Optional: built-in Flow, Temperature, Pressure

In situ analyzers (MIR IS)

Analysis principles
- FTIR (MIR FT)
- NDIR GFC / HEATED NDIR GFC (MIR 9000, MIR IS, CO12M / MIR 9000H)
- FID / HEATED FID (HC51M / Graphite 52M)
- CLD / HOT CLD (AC32M / Topaze 32M)
- UV Fluorescence (AF22M)
- UV Absorption (O342M)

Particulates analyzers
- BETA 5M / Optical analyzers

Continuous dioxin / furan sampling system (AMESA)

Stack testing «portable» analyzers (Graphite 52M / MIR 9000 CLD)

A/C Shelters and Cabinets
**Gas Sampling Systems**

- **SEC Box**
  - The permeation technique
  - Developed for fast and reliable sample conditioning, using exchangeable permeation membranes

- **HOGI**
  - The hot filtration technique
  - Developed for fast and reliable sample conditioning, using exchangeable hot filters

**Extractive multi-gas analyzers**

Thanks to the high repetition of technologies, Environment 5.0 analyzers fit with your application and the inverse.

- **MBR 2000**
  - Multi-Gas Infrared GFC
  - Office excellence performance in multiple applications: CH, CO, CO₂, SO₂, NO, NO₂, H₂S, F₂, CO, HCl, Br₂, C₃H₆, C₃H₆O, C₂H₄, C₂H₂, C₃H₄

- **MBR 2000 CLD**
  - Multi-Gas Infrared GFC with optical CLD
  - Office excellence performance in multiple applications: CH, CO, CO₂, SO₂, NO, NO₂, H₂S, F₂, CO, HCl, Br₂, C₃H₆, C₃H₆O, C₂H₄, C₂H₂, C₃H₄

- **MBR FT**
  - Fourier Transformed infrared Multi-Gas Analyzer
  - Based on a leading-edge technology for rapid and simultaneous measurement of all gases: CH, CO, CO₂, SO₂, NO, NO₂, H₂S, F₂

**In situ multi-gas analyzer**

- **MBR 2000**
  - Multi-Gas Infrared GFC
  - Office excellence performance in multiple applications: CH, CO, CO₂, SO₂, NO, NO₂, H₂S, F₂, CO, HCl, Br₂, C₃H₆, C₃H₆O, C₂H₄, C₂H₂, C₃H₄

**Particulates Analyzer**

- **MBR 2000**
  - Multi-Gas Infrared GFC
  - Office excellence performance in multiple applications: CH, CO, CO₂, SO₂, NO, NO₂, H₂S, F₂, CO, HCl, Br₂, C₃H₆, C₃H₆O, C₂H₄, C₂H₂, C₃H₄

**Dioxins and furans sampler**

- **MBR 2000**
  - Multi-Gas Infrared GFC
  - Office excellence performance in multiple applications: CH, CO, CO₂, SO₂, NO, NO₂, H₂S, F₂, CO, HCl, Br₂, C₃H₆, C₃H₆O, C₂H₄, C₂H₂, C₃H₄

**Main applications**

- **Industrial**
  - Chemical plants
  - Power plants
  - Glass industry
  - Paper
  - Petrochemical plants
  - Combustion plants
  - Biomass
  - Boilers and power plants

- **Oil & Gas**
  - Offshore platforms
  - Power plants
  - Petrochemical plants

- **Biomass**
  - Boilers

- **Emissions management system key**

  - Sampling of PM in ambient and stack gas
  - Sampling of PM in ambient and stack gas, with online and offline analysis
  - Sampling of PM in ambient and stack gas, with online and offline analysis, with software suit providing breakthrough features: Graphical user interface (GUI), predefined regulation compliant reports for local authorities and also defined by users, AMS drift and accuracy control (QAL3)

  - Remote diagnosis and support, hotline and secured data hosting
  - Auto backup with more than 10 years of data storage
  - Isokinetic sampling by built-in Pitot tube within 20% of CFD
  - Heated probe with choice of materials and materials to suit the application
  - Heated Infra-Red Gas Filter System coupled with XAD-II adsorbent
  - Disposable sampling bags and tubes
  - 180°C heated measurement cell
  - 180°C heated detector
  - 110°C heated detector

**Main applications**

- **Industrial**
  - Chemical plants
  - Power plants
  - Glass industry
  - Paper
  - Petrochemical plants
  - Combustion plants
  - Biomass
  - Boilers and power plants

- **Oil & Gas**
  - Offshore platforms
  - Power plants
  - Petrochemical plants

- **Biomass**
  - Boilers

**Emissions management system key**

- Sampling of PM in ambient and stack gas
  - Sampling of PM in ambient and stack gas, with online and offline analysis
  - Sampling of PM in ambient and stack gas, with online and offline analysis, with software suit providing breakthrough features: Graphical user interface (GUI), predefined regulation compliant reports for local authorities and also defined by users, AMS drift and accuracy control (QAL3)

- Remote diagnosis and support, hotline and secured data hosting
  - Auto backup with more than 10 years of data storage
  - Isokinetic sampling by built-in Pitot tube within 20% of CFD
  - Heated probe with choice of materials and materials to suit the application
  - Heated Infra-Red Gas Filter System coupled with XAD-II adsorbent
  - Disposable sampling bags and tubes
  - 180°C heated measurement cell
  - 180°C heated detector
  - 110°C heated detector

**Main applications**

- **Industrial**
  - Chemical plants
  - Power plants
  - Glass industry
  - Paper
  - Petrochemical plants
  - Combustion plants
  - Biomass
  - Boilers and power plants

- **Oil & Gas**
  - Offshore platforms
  - Power plants
  - Petrochemical plants

- **Biomass**
  - Boilers

**Emissions management system key**

- Sampling of PM in ambient and stack gas
  - Sampling of PM in ambient and stack gas, with online and offline analysis
  - Sampling of PM in ambient and stack gas, with online and offline analysis, with software suit providing breakthrough features: Graphical user interface (GUI), predefined regulation compliant reports for local authorities and also defined by users, AMS drift and accuracy control (QAL3)

- Remote diagnosis and support, hotline and secured data hosting
  - Auto backup with more than 10 years of data storage
  - Isokinetic sampling by built-in Pitot tube within 20% of CFD
  - Heated probe with choice of materials and materials to suit the application
  - Heated Infra-Red Gas Filter System coupled with XAD-II adsorbent
  - Disposable sampling bags and tubes
  - 180°C heated measurement cell
  - 180°C heated detector
  - 110°C heated detector

**Main applications**

- **Industrial**
  - Chemical plants
  - Power plants
  - Glass industry
  - Paper
  - Petrochemical plants
  - Combustion plants
  - Biomass
  - Boilers and power plants

- **Oil & Gas**
  - Offshore platforms
  - Power plants
  - Petrochemical plants

- **Biomass**
  - Boilers

**Emissions management system key**

- Sampling of PM in ambient and stack gas
  - Sampling of PM in ambient and stack gas, with online and offline analysis
  - Sampling of PM in ambient and stack gas, with online and offline analysis, with software suit providing breakthrough features: Graphical user interface (GUI), predefined regulation compliant reports for local authorities and also defined by users, AMS drift and accuracy control (QAL3)

- Remote diagnosis and support, hotline and secured data hosting
  - Auto backup with more than 10 years of data storage
  - Isokinetic sampling by built-in Pitot tube within 20% of CFD
  - Heated probe with choice of materials and materials to suit the application
  - Heated Infra-Red Gas Filter System coupled with XAD-II adsorbent
  - Disposable sampling bags and tubes
  - 180°C heated measurement cell
  - 180°C heated detector
  - 110°C heated detector

**Main applications**

- **Industrial**
  - Chemical plants
  - Power plants
  - Glass industry
  - Paper
  - Petrochemical plants
  - Combustion plants
  - Biomass
  - Boilers and power plants

- **Oil & Gas**
  - Offshore platforms
  - Power plants
  - Petrochemical plants

- **Biomass**
  - Boilers

**Emissions management system key**

- Sampling of PM in ambient and stack gas
  - Sampling of PM in ambient and stack gas, with online and offline analysis
  - Sampling of PM in ambient and stack gas, with online and offline analysis, with software suit providing breakthrough features: Graphical user interface (GUI), predefined regulation compliant reports for local authorities and also defined by users, AMS drift and accuracy control (QAL3)

- Remote diagnosis and support, hotline and secured data hosting
  - Auto backup with more than 10 years of data storage
  - Isokinetic sampling by built-in Pitot tube within 20% of CFD
  - Heated probe with choice of materials and materials to suit the application
  - Heated Infra-Red Gas Filter System coupled with XAD-II adsorbent
  - Disposable sampling bags and tubes
  - 180°C heated measurement cell
  - 180°C heated detector
  - 110°C heated detector

**Main applications**

- **Industrial**
  - Chemical plants
  - Power plants
  - Glass industry
  - Paper
  - Petrochemical plants
  - Combustion plants
  - Biomass
  - Boilers and power plants

- **Oil & Gas**
  - Offshore platforms
  - Power plants
  - Petrochemical plants

- **Biomass**
  - Boilers