



- Technological platforms -

INDUSTRIAL ANALYSIS

Shared tools and expertise



SERVICES OFFERING

Axel'One Analysis offers many tailor-made solutions to help and advice on your online analysis development projects:

- Joint development of analytical solutions
- Guidance / decision support for investment
- Audit of industrial facilities
- On site implementations for industrial sites or new pilot plants
- R&D services (experimentation, data analysis...)
- Participation or subcontracting for collaborative research projects

EXPERTISE

Axel'One Analysis is specialized in separation techniques, spectral techniques, specific sensors and data analysis (chemometry, MSPC). The platform mutualizes skills and tools for numerous R&D projects. It provides a perfect interface between instrumentation suppliers, industrial users of these new technologies and academic laboratories.

Axel'One Analysis is based on a consortium of industrials (ARKEMA, ADISSEO, AIR LIQUIDE, ELKEM SILICONES, IFPEN, SERVIER, SOLVAY, TOTAL) and on collaborations with instrumentation suppliers.

EQUIPMENT & SOFTWARE

Test benches for experimentation

- Liquid and gas analytical bench
- Astute and NeSSI sampling systems, online dilution (Easy Sampler, Integrate Sampler)
- Exponential diluter
- Alytech LiqMix generation of reference gas sample

Separation techniques

Gas chromatography systems:

- GC Agilent 7890B with OLIS injection valves
- μ GC: APIX Analytics (ChromPix, NEMS, SRA Instruments (NeSSI, MyGC)
- Software: ChemStation, Soprane ChromPix Monitoring...

Liquid chromatography systems:

- UHPLC Ultimate 3000 with DAD and Corona detectors

Spectral techniques and chemometrics

Raman:

- Ocean Optic 785 nm and 532 nm
- Kaiser gas probe and immersion probe 532 nm
- Indatech Viserion with immersion probe 785 nm

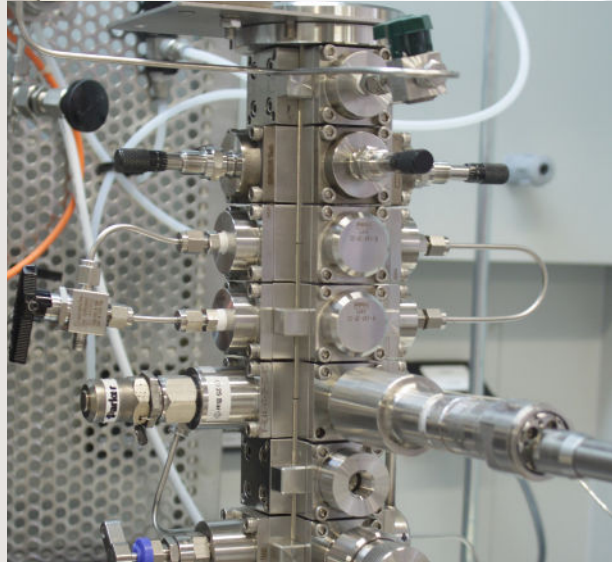
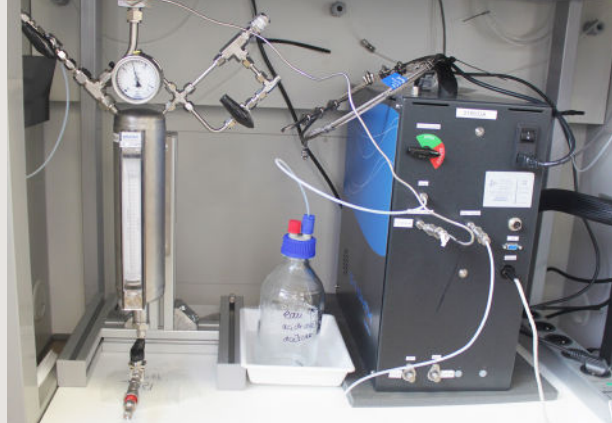
Spectrometer:

- Near-infrared spectrometer: Bruker, Indatech SRS, Ocean Optic
- Mid-infrared spectrometer: IR-ATR from ABB
- UV-Visible: Ocean Optic

Software: Matlab, Unscrambler, Process Pulse II...

Physical and physical-chemical sensors

- Densimeter and viscometer
- Acoustic emission with AEwin and Noesis software
- pH probe for online measurement



CONTACT



+ 33 4 28 27 03 63 / PROCEDE@AXEL-ONE.COM
WWW.AXEL-ONE.COM