

PROMETHEUS Electronic Nose is a smell and Volatile Organic Compounds (VOC) analyzer. It combines FOX and KRONOS technologies: Metal Oxide Sensor array system and Fingerprint Mass Spectrometry. It uses an autosampler.

System features

1 Headspace autosampler (32, 64 or 96 samples) with numerous options:

- SPME/SPDE/ITEX to increase selectivity & sensitivity
- Large oven for sample volumes up to 750mL
- Petri dishes for bacteriological analysis

2 Electronic Nose unit:

- FOX: 6, 12 or 18 sensors with high sensitivity
 - KRONOS : Mass spectrometer with high selectivity
- Carrier gas: Nitrogen
Heated splitless injection port: 250°C
Ionisation mode: Electron Impact
Mass range: 1-200 amu
Scan and SIM mode
MS-tune



Electronic Nose software:

- Autosampler and acquisition control
 - Complete multivariate statistics package
 - Various maintenance tools: automatic system diagnostic, sensor diagnostic
- Air generator recommended

Service features

- Consumables package included: start-up kit (vials & diagnostic solutions)
- Maintenance agreement (hardware, software & application)