

FOX Electronic Nose is a smell and Volatile Organic Compounds (VOC) analyzer. It can be used with manual sampling or autosampler. It is based on Metal Oxide Sensor detection system.

## 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 2000: 6 sensors (upgradable to FOX 3000 or 4000)
- FOX 3000: 12 sensors (upgradable to FOX 4000)
- FOX 4000: 18 sensors

FOX upgradable to PROMETHEUS with Fingerprint Mass Spectrometry technology

### 3 Electronic Nose software:

- Autosampler and acquisition control: complete multivariate statistics package, on-line visualization of results
  - Numerous maintenance tools: automatic system diagnostic, sensor diagnostic
  - Available in English, French, Japanese and other languages upon request
- Analysis features
    - Repeatability: < 5% and < 1% in quantitative determination
    - Environmental conditions: ambient air from 10 to 25°C
  - Air generator recommended



## Service features:

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