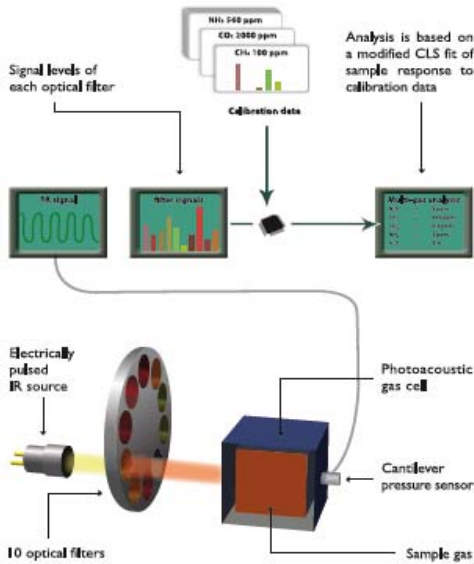


9종의 가스성분을 정확하고 동시에 (대기중 가스성분 측정용) Photoacoustic Spectroscopy (PAS) Gas Analyzer Model F-10 & LP-1

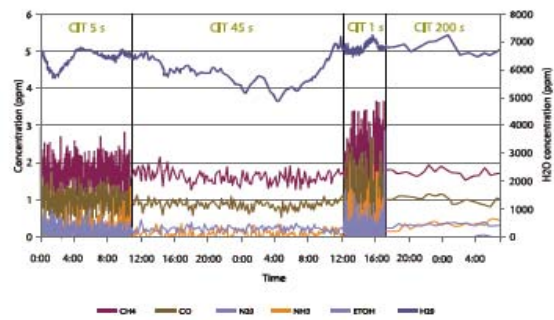


- Photoacoustic spectroscopy (PAS)
- Monitoring of up to 9 gases simultaneously
- Graphical trend view
- High stability and reliable analysis
- Sub-ppm detection limits
- Low gas volume (< 30 ml)
- Built in data logging
- Wide linear range (5 orders of magnitude)
- User-friendly menus

e.g. environmental emissions, photocatalysis, safety, ventilations, etc.



Ambient trace monitoring with different integration times



- Water vapor variation doesn't influence e.g. Methane and CO monitoring in ambient air due to the good cross-compensation capability of the F10.
- Measurement time can be user selected. Longer measurement time results in lower noise.

Multi-component gas analysis with filter based photoacoustic spectroscopy

사용대상

Applications include

- Greenhouse gas
- Poultry, Swine, Agricultural
- Industrial safety and hygiene
- Ventilation measurements
- Leak detection
- Photo catalysis
- Fuel cell

측정 성분

Measurable gases include

- Hydrocarbons: CH₄, C₂H₆, C₂H₂, C₂H₄, etc.
- Inorganics: CO₂, CO, N₂O, SO₂, NO, NO₂, NH₃, NF₃, SF₆, H₂O
- VOCs: acetone, ethanol, methanol, benzene, toluene, xylenes, formaldehyde etc.
- CFCs and PFCs: CF₄, C₂F₆, R-134a, R 13, etc.
- Corrosives (at low levels): HF, HCl, HCN
- Anesthetics: isoflurane, sevoflurane, desflurane, enflurane