

## ProCeas® Air

### HF, OFCEAS laser analyzer

- High sensitivity
- Continuous measurement
- Fast response time



## Features

- Continuous measurement
- Multi components
- High resolution laser technology
- Patented OFCEAS IR laser technology
- No optical moving parts
- No compressed air consumption
- Maintenance: yearly

## Benefits

- Measurement without interference regardless of the matrix
- High sensitivity
- Self-calibrating system (no span gases required)
- Ultra-precise measurement
- Negligible drift
- High availability of the system

## Technical data

Analyzer		Performance specifications (HF in ambient air)	
Technique	OFCEAS	Lower detection limit (3σ, 60 s)	<0.05 ppb
Power supply	110 ... 230 VAC, 50 ... 60 Hz	Zero drift (72 h)	±0.20 ppb
Power consumption	150 W (max), 80 W (average)	Measurement interval	1 s
Dimensions	Rack 19", 4U	Response time/fall time (10 ... 90%)	<90 s
Weight	20 kg	Measurement range	0 ... 1000 ppb
Data outputs	Ethernet, ModBus (TCP/IP, RS), analog, USB	Additional gases (options)	O <sub>2</sub> (0 ... 21% vol) H <sub>2</sub> O (0 ... 5% vol)
Fittings	1/4" or OD6		
Accessories	Internal pump		
Sample conditions	-40 ... 50 °C (temperature) <99% RH non-condensing Atm +/-100 mbar (pressure) 0.2 slm (flow)		
Ambient conditions	10 ... 40 °C (temperature) <99% RH non-condensing		