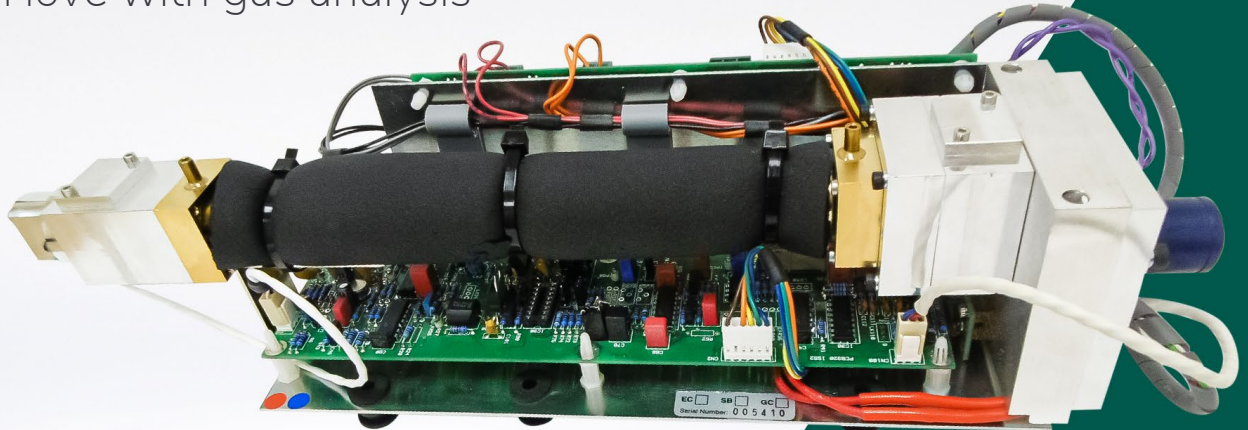


VENUS SOLO^{by} ANALOX

Fall in love with gas analysis



The **Venus Solo** is an **OEM sensor** ideal for integration into your analysis system.

This highly accurate **GFC (Gas Filter Correlation)** sensor is available in 4 gases as standard with a variety of Parts Per Million (PPM) and Percent (%) ranges.

Analox are also able to develop the Venus Solo to monitor your gas of choice and will work closely with you to deliver your unique solution.

Applications

- Breath Analysis
- Emission Monitoring
- Mass Spectrometers
- Manifolds
- Animal Respiration
- Submarine Atmosphere Analysis
- Medical Gas
- Biogas
- Air Separation Units (ASU)
- Fire Detection
- Heat Treatment

Gases Detected

Carbon Monoxide (CO), Carbon Dioxide (CO₂), Methane (CH₄), Nitrous Oxide (N₂O)

Features

- Choose from CO, CO₂, CH₄ and N₂O
- Other special gases are available
- Single gas (user defined)
- Backward compatible with ADC's 'Eclipse'
- Linearised Output
- Continuous status signal to check device health

FACT

The Venus Solo is used in Military applications to protect submariners from CO exposure.

Your Challenge, **Our Passion**

Speak to **our team today** UK/Global: +44 (0)1642 711 400
US Office: (714) 891 4478
US Toll Free: (877) 723 3247

VENUS SOLO

Gases & Ranges

Gas Type	PPM ranges									% Ranges					
	10	30	50	100	200	500	1000	2000	5000	1	5	10	20	50	100
CO ₂	✓		✓	✓		✓	✓		✓	✓	✓	✓		✓	✓
CO		✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓
CH ₄				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
N ₂ O	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

Gas not on the list?
Just give us a call...

Tech Spec

Operating Temperature Range	5°C to 40°C
Ambient Humidity	0 to 95% RH, non condensing
System Warm-up Time	30-60 minutes (dependant on gas)
Power Requirements	24V DC +/- 10%, Max current 3A, Nominal current 600mA (after warm up)
Outputs	4-20mA, RS232, relays
Response Time (T90)	Between 10-90 secs (dependant upon gas cell length) at flow rate of 500ml/minute
Intrinsic Accuracy	+/- 0.2% of full scale
Sensor Technology	Gas Filter Correlation

Also check out our **Venus Pro** multi-gas analyzer which can monitor up to **four gases**.

You can call us UK/Global: +44 (0)1642 711 400
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You can email us info@analox.biz

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