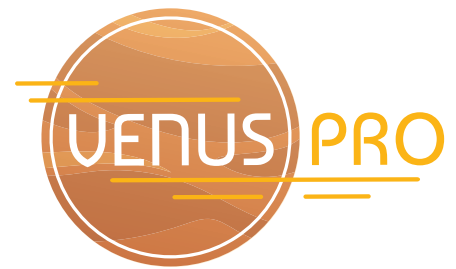
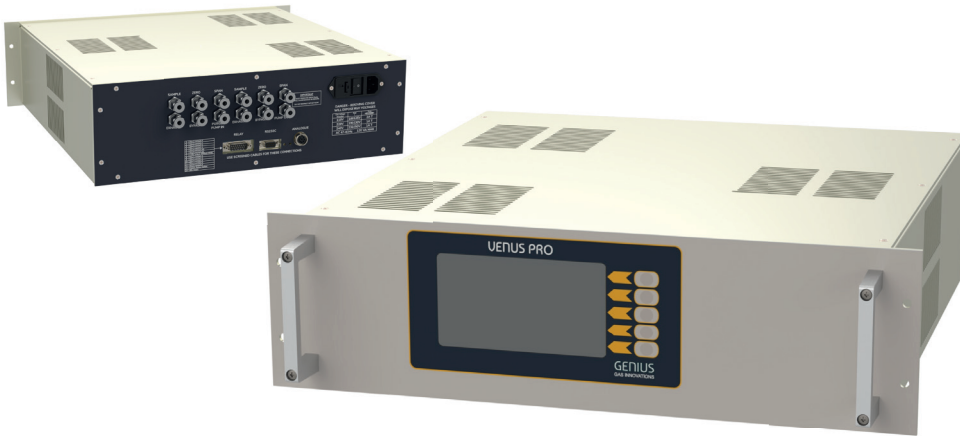


# TECHNICAL DATASHEET



The Venus Pro is a highly accurate process analyser customisable to your application. This flexible system can measure upto four gases using technology ranging from GFC (Gas Filter Correlation), NDIR, Paramagnetic, Electrochemical and Zirconia.



## FEATURES

- Digital LCD Display
- 1-4 gas channels
- Manual/Auto Calibration Function
- 4-20mA - 1 per channel
- 19" Rack or Bench Mount
- 4 Relays per analyser
- RS232 output
- Optional Datalogging & MODBUS RTU (RS485)

## APPLICATIONS

- Industrial Gas
- Manufacturing,
- Medical Gas Analysis
- Biogas
- Modified Atmosphere Packaging
- Emissions Monitoring
- Heat Treatment
- Process & Safety monitoring
- Combustion

**FACT** "The Venus Pro is used to detect CO levels for fire prevention during chocolate making"



Innovation in Gas Analysis



## GASES & TECHNOLOGY TYPE

Gas	Sensor Technology (Various Ranges Available)					
	GFC (PPM or %)	NDIR (%)	Paramag (%)	Electrochem (ppm or %)	Ziroconia (ppm or %)	Ceramic (mg/m3)
O <sub>2</sub>			✓	✓	✓	
CO <sub>2</sub>	✓	✓				
CO	✓	✓		✓		
CH <sub>4</sub>	✓	✓				
NO	✓	✓				
N <sub>2</sub> O	✓	✓				
Moisture						✓

Your gas not on the list? Just give us a call +44(0)1642 711400

## TECH SPEC

Operating temperature range:	5°C to 70°C
Operating pressure range	0-2psi (0-130 mbar)
Ambient humidity:	0 to 95% RH, non condensing
System warm-up time:	30-60 minutes (dependant upon gas)
Power requirements	90-240V AC, 50/60Hz,
Outputs	4-20mA, RS232, relays & MODBUS RTU
Response time (T90):	<2.5 seconds at flow rate of 1000ml / minute
IP rating	IP20
Intrinsic Accuracy	<0.1% of scale each gas