ACG+ by ANALOX

Breathe Easy





The ACG+ is a **multi-gas compressor monitor** intuitively designed so that you can 'breathe easy'

Say goodbye to fiddly tube tests and expensive lab analysis and say hello to a reliable, accurate monitor which can help you meet EN12021, CGA, CSA and OSHA compliance.

This flexible system can be used as a fixed installation to continually monitor your air quality or as a portable monitor on a portable compressor or to spot check multiple compressors on your service round.

Choose the ACG+ for hassle free compressed air tests and true peace of mind.

IMPORTANT UPDATE: The IOGP (International Association of Oil & Gas Producers) have recently updated their recommended practises for diving. This now **specifies the need for continual monitoring** to further enhance safety and protect the lives of divers, **spot checking is no longer acceptable.** The ACG+ can assist you with compliance to the new dive regulations of **IOGP 411 diving practices,** visit the **IOGP publications library** to download and read the regulations, or visit the **ACG+ product page** to read an extract from *'Appendix A. Breathing gas purity - Air/Nitrox/Helium'*

Benefits

- Real time results of air quality
- Continuous monitoring or spot checking
- Built in purge system allows for accurate measurements in minutes
- Have full traceability of your air quality and compliance
- Low cost of ownership
- Can be user maintained, in country or a service contract can be offered by Analox or our partners

Features

- Sensors include: Oxygen (O_2), Carbon Dioxide (CO_2), Carbon Monoxide (CO), Volatile Organic Compounds (VOCs) and Water Vapour (H_2O)
- Portable or fixed installation
- 90 days of datalogging with USB download port
- 2 Relays
- Mains or battery powered
- Digital display
- Audible and visual alarms
- Robust carry case
- Optional Ethernet

Gases Detected

Oxygen (O_2), Carbon Dioxide (CO_2), Carbon Monoxide (CO), Volatile Organic Compounds (VOCs) and Water Vapour (H_2O)

Applications

- Fire Departments • Diving • Frigates • Ships
- Offshore • Nitrogen Generation • Paint Spraying
- Medical Air • Coastguard

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

ACG+

Tech Spec

Power	24V DC Optional battery power: NiMH or Li-ION Optional mains adaptor: Universal input 95 to 250 V AC, 50/60 Hz
IP Rating	IP45
Response Time	T90 <120 seconds T90 <15 minutes H_2O sensor
Temperature	Operating: –5 °C to 50 °C / 23°F to 122°F Storage: –10 °C to 60 °C / 14°F to 140°F
Flow Rate	0.5L per minute (max)
Inlet Pressure	5-10 Bar Gauge (Optional regulator can be purchased)
Humidity	0-99% RH (Non Condensing)
Outputs	1 x normally open relay contacts 1 x normally closed relay contacts 3 x 24 V DC switched output

FACT

Even the newest of compressors can produce contaminated gas, this could come from a source near the inlet or a failed seal or filter.

Why Analox?

...because we don't just meet standards

We set them!

Analox are the 'go-to' company when expertise is required for setting gas safety standards and we are proud to have assisted **California Fire Prevention Institute (CFPI)**, **Compressed Gas Association (CGA)**, **Technischer Überwachungsverein (TUV)** and the **International Association of Oil & Gas Producers (IOGP).**

Sensors

Gas	Range	Accuracy	Technology
O_2	0 to 50%	±(0.035% O_2 + 1% of reading + 0.15% of reading/°C)	Analox MEC intelligent electrochemical oxygen sensor
CO_2	0 to 1000 ppm	±(25 ppm CO_2 + 1% of reading + 1 ppm CO_2/°C)	Analox 5S3 intelligent NDIR sensor
CO	0 to 20 ppm	±(1 ppm CO + 5% of reading + 0.1 ppm CO/°C)	Analox MEC intelligent electrochemical sensor
VOC	0 to 100 ppm	±(1 ppm VOC + 5% of reading + 0.25% of reading/°C)	Analox MEC intelligent PID sensor
Water Vapour	0 to 100 mg/m³	±(0.15 mg/m³ H_2O + 20% of reading)	Water vapour sensor using capacitive technology

Get in contact today
and breathe easy.

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You can email us info@analoxgroup.com

Visit our website analoxgroup.com

ANALOX

Your Challenge, **Our Passion**

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