



Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

PRODUCT DATASHEET

ACG+ Multi Gas Compressor Monitor



THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

OVERVIEW

The Analox Multi Gas Compressor Monitor ACG+



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DESCRIPTION

The ACG+ is a unique compressed breathing air monitor designed to be used in a fixed installation to your air

compressor or as an ideal portable solution for multi-point air monitoring. The ACG+ offers the user peace

of mind as it continually monitors Oxygen (O₂), Carbon Dioxide (CO₂), Carbon Monoxide (CO), dew point (H₂O) and Volatile Organic Compounds (VOC) and also has a sample port to check for oil mist. It is simple to install, use and maintain and has a low cost of ownership. The ACG+ offers 90 days of datalogging, easily retrieved with a USB connection and has audio/visual alarms and a common relay to connect to a beacon or to shut down the compressor should an alarm be triggered.

FEATURES

Portable or fixed

Mains, DC and up to 12 hour rechargeable battery power options

Proprietary dew point sensor lock out system for fast start up - ideal for multi-point checking

Proprietary humidifier option for continual use to prolong electrochemical sensor lives (CO & O₂)

Easy-connect purge system - helps ensure accurate readings in minutes

Robust carry case

90 days of datalogging easily retrieved via USB connection options

SPECIFICATION

The ACG+ is built upon Analox's™ latest innovations in sensor technology. The new range of 5S3 and MEC intelligent sensors are Analox's™ most compact, miniaturised range of sensors to date. Each sensor comes with its own electronics



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for signal processing and temperature compensation which enables each sensor to become a field replaceable item.

Oxygen

Range: 0 to 50%

Accuracy: $\hat{A}\pm(0.035\% \text{ O}_2 + 1\% \text{ of reading} + 0.15\% \text{ of reading}/\hat{A}^\circ\text{C})$

Technology: Analox MEC intelligent electrochemical oxygen sensor

Carbon dioxide

Range: 0 to 1000 ppm

Accuracy: $\hat{A}\pm(25 \text{ ppm CO}_2 + 1\% \text{ of reading} + 1 \text{ ppm CO}_2/\hat{A}^\circ\text{C})$

Technology: Analox 5S3 intelligent NDIR sensor

VOC

Range: 0 to 100 ppm

Accuracy: $\hat{A}\pm(1 \text{ ppm VOC} + 5\% \text{ of reading} + 0.25\% \text{ of reading}/\hat{A}^\circ\text{C})$

Technology: Analox MEC intelligent PID sensor

Carbon Monoxide

Range: 0 to 20 ppm

Accuracy: $\hat{A}\pm(1 \text{ ppm CO} + 5\% \text{ of reading} + 0.1 \text{ ppm CO}/\hat{A}^\circ\text{C})$

Technology: Analox MEC intelligent electrochemical sensor

Water Vapour

Range: 0 to 100 ppm

Accuracy: $\hat{A}\pm(0.15 \text{ mg/m}^3 \text{ H}_2\text{O} + 20\% \text{ of reading})$

Technology: Water Vapour sensor using capacitive technology

ORDER THIS PRODUCT

To order this product or to request a price contact our UK sales team on
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Alternatively you can place a quote request through our website
[http://www.smp-ltd.co.uk/](http://www.smp-ltd.co.uk) or send an email to sales@smp-ltd.co.uk