

# Ax60+ CO

by **ANALOX**

Carbon Monoxide Monitoring System



**The Ax60+ CO protects users in plant rooms (boilers and furnaces), parking garages and anywhere that carbon monoxide can collect.**

The Ax60+ CO also can be used for online cylinder filling, to protect divers from compressed air contaminated with carbon monoxide related to compressor maintenance or contamination at the compressor inlet.

The Ax60+ CO benefits from the ability to operate as a single sensor and alarm or as part of a system of up to 4 sensors. Each system can also be composed of Ax60+ O<sub>2</sub> sensors and Ax60+ CO<sub>2</sub> sensors so it can fulfill multiple application needs.

## Features

- Ambient CO monitoring
- Online CO monitoring
- Can be used with Nitrogen (N<sub>2</sub>) background gasses or, with calibration, can be used with Helium (He) background gasses
- Has up to 3 user configurable alarms
- Can operate as a stand alone sensor or as part of a larger system
- Compatible with the rest of the Ax60+ range

## Benefits

- Protect staff in plant rooms, parking garages etc from carbon monoxide poisoning.
- Protect divers from contaminated air cylinders through compressor servicing issues or contaminated compressor inlet.
- Suitable for multiple applications such as sport diving, fire safety, and ambient air monitoring.
- To give advance warning of increasing CO levels and to make the product suitable for multiple applications.
- Scales to meet your budget and your application.
- Systems can meet your application needs, CO<sub>2</sub> sensor, O<sub>2</sub> sensor or CO in a simple and expandable format.

## Ax60+ Modular System

If your requirements go beyond a single CO sensor or if your business is poised for future expansion, the **Ax60+ Modular System** presents an ideal expansion solution for your CO setup.

For more information please visit the [Ax60+ Page](#).



## Applications

Anywhere that carbon monoxide can collect, such as;

- Parking Garages
- Kitchens
- Plant Rooms (Boilers and Furnaces)

Your Challenge, **Our Passion**

Speak to **our team today** UK/Global: +44 (0)1642 711 400  
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# Ax60+ CO

## Tech Spec

Number of outputs	<ul style="list-style-type: none"> <li>• Single sensor configuration, up to 4 alarm units</li> <li>• System level up to 8 alarm units with two relay outputs at the central display unit</li> <li>• With the DOM connected there are 4 * 4-20mA analogue outputs and MODBUS RTU for real time digital telemetry tracking</li> </ul>		
Connectivity	Quick connect sensor units supplied with IP68 moisture resistant couplers		
CO range	0 to 25ppm CO		
Number of Inputs	Ax60+ systems allow for up to 4 sensor units		
Atmospheric pressure	800 to 1200 mbara		
Accuracy	<±1ppm CO, ±5% of reading (at constant temperature and pressure)		
Alarm levels	By default these are set to: AI1: 3ppm AI2: 5ppm AI3: 10ppm		
Response time (T90)	<90 seconds		
Operating temperature	0 to 40°C		
Temperature effect	0.04% of reading /°C		
Mode of measurement	The product can be used to measure ambient CO in LP air (1 to 3barg)		
Background gas	The Ax60+ CO is available for use both in helium and nitrogen background applications		
User interface	Sensor unit has integral alarm sounder and local acknowledge button to warn users of issues in alarm conditions		
Dimensions	<b>Alarm units</b> w 3" / 72mm h 5.1" / 132mm d 2" / 52mm	<b>Sensor units</b> w 3" / 72mm h 5.1" / 132mm d 2" / 52mm	<b>Central display unit</b> w 6.9" / 175mm h 4" / 106mm d 2.6" / 67mm
IP rating	IP55		
Power Supply	100-240V ~ 1.5A through the transformer or 24VDC direct power		
Mounting	Wall mounted with quick connect and direct connect options		
Certifications	EN50270 EN61000-6-3 EN/IEC 60101-1		

You can call us

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