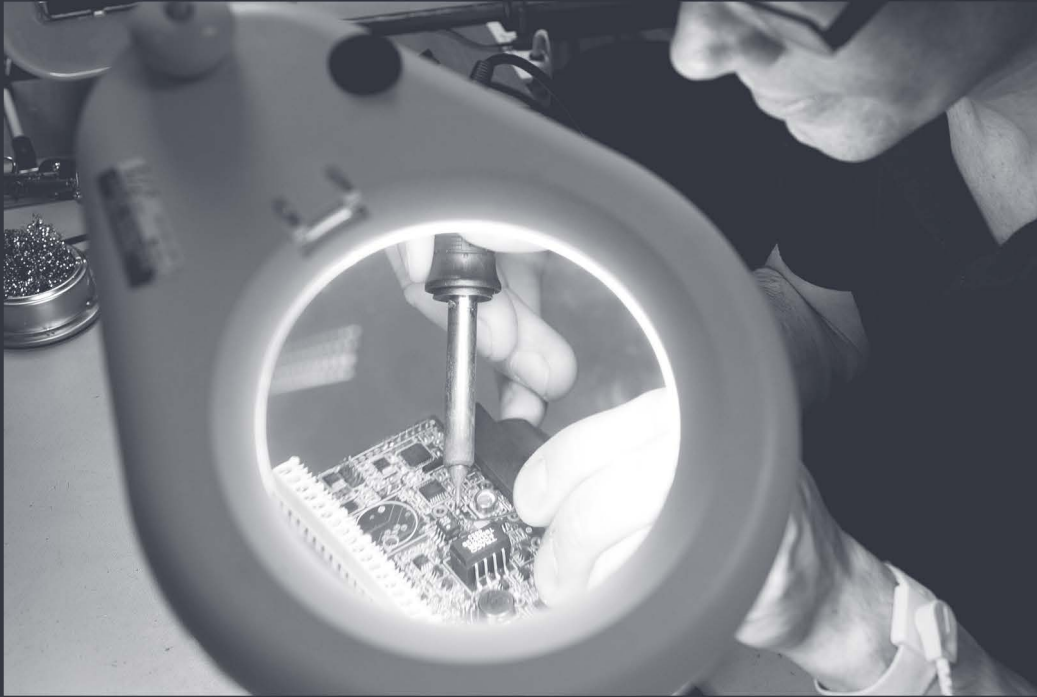


BEVERAGE & Hospitality

ANALOX

**Safe
Reliable
Efficient
Gas Solutions**

04 - July 2023



Your Challenge, **Our Passion**



analoxgroup.com

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‘We originally requested Analox products as we were aware of the brand and quality of their manufacturing.’

Darren Read
Health and Safety Manager for
Mitchells & Butlers


NO SUBSTITUTE FOR SAFETY

In today's ever-changing beverage and hospitality industry, new innovations are continuously being introduced. The increased use of carbon dioxide (CO₂) and other inert gasses like nitrogen (N₂) and argon (Ar) makes it necessary to **monitor working and dining environments for potential leaks and contamination.**

Carbon dioxide is a tasteless, odorless gas that **can become toxic very quickly.** Should a CO₂ leak occur, the environment can become hazardous to humans. **Symptoms include dizziness, headaches and difficulty breathing.**

Inert gasses like nitrogen and argon can also **deplete oxygen levels and create a hazardous work environment** should a leak occur. All of these gasses are difficult to detect with human senses. The only sure way to protect workers from possible harm is by **effective and reliable gas monitoring.**

Since CO₂ and N₂ are both commonly used in the beverage and hospitality markets, monitoring for these gasses is **critical and LIFE-SAVING.**



“The support offered on the phone is exemplary. Analox continually, without fail, call back when they say they will, and the person on the end of the phone genuinely knows what to offer to solve the issue.”

*Grant Robins
Air Energy Ltd*

SETTING THE STANDARD

The **Ax60+** meets and exceeds virtually every international safety code and standard. This includes **EH40, OSHA, NBIC, IFC and NFPA55**. In short, the **Ax60+** can be used to protect beverage and hospitality workers **anywhere in the world**.

In today's Post-COVID-19 environment, safety is everything. The Analox Group has been at the forefront of providing equipment, expertise and technology to protect both guests and employees in virtually every beverage and hospitality area. The Analox **Air Quality Guardian** is the perfect solution to maintain a **good level of air quality** for everyone.

Safety-conscious facilities have found that installing Analox safety products provides an **added level of protection and confidence** in the work environment.



ROBERTS



OXYGEN



FELDSCHLÖSSCHEN

Part of the Carlsberg Group



ANALOX PRODUCTS IN ACTION!

The Analox **Ax60+** is built for flexibility and performance. The **Ax60+** is currently in use worldwide including high profile venues like **SOFI Stadium** in Los Angeles (home of Super Bowl LVI), **Chase Center** in San Francisco, and **Truist Park** in Atlanta, Georgia. **Ax60+** units are also used in **Tickenham Stadium**, as well as other high-profile sporting venues such as international cricket, international football, and **Premier League stadiums**.

Analox products are installed in two of the three largest retail chains in North America - **Target** and **Costco**. These establishments both feature self-service beverage dispensers along with quick-serve food options.

Several of the world's largest fast-food restaurant chains including **McDonald's**, **Burger King**, and **KFC** use the **Ax60+**. The well-known **Mitchells & Butler** restaurant group incorporates Analox products and technology into their building design and safety protocols for more than a dozen different brands throughout the United Kingdom.

High-profile international breweries including **Heineken**, **Carlsberg**, **Molson Coors** and the **Diageo Group** of spirits and brands routinely include Analox products in their facility planning and day to day operations. Breweries and wine cellars are typically the most dangerous places for CO₂ poisoning.



For Small & Independent
Craft Brewers



WE ARE PROUD MEMBERS OF SOME GREAT ORGANIZATIONS!

Being members of some of the most **respected groups in the industry**, we have the opportunity to connect with other professionals in the beverage & hospitality industry, share ideas and insights, and collaborate on projects. The community of members includes some of the most knowledgeable and innovative professionals in the industry, and we are proud to share a space with them to connect and collaborate.



AX60+

Central Display

- Power
- Fault
- Alarm

1 2 3 4
OK OK OK OK
1: 958 PPM

ANALOG

- Cancel
- Cycle
- Accept/Test



WALL-MOUNTED MONITORS

Ax60+

Quite Simply The Industry's Most Versatile and Reliable Safety Monitor

A flexible, multi-point, wall-mounted carbon dioxide (CO₂) & oxygen (O₂) monitor.

The Analox Ax60+ is the mainstay of the Analox **beverage & hospitality** line. A wall-mountable, multi-gas safety device, the **Ax60+ can monitor for both CO₂ and O₂ simultaneously.** The Analox team of engineers and product developers created the Ax60+ to monitor almost any establishment for CO₂ and O₂ by integrating multiple sensors into the central display unit providing reliable monitoring and multiple alarms and settings to alert officials and decision-makers should a leak occur.

The Ax60+ provides the ultimate in versatility. Up to **four different sensors can be configured in one unit, with a maximum of eight strobe alarms.**

By utilizing state of the art NDIR and electrochemical sensor technology, the Ax60+ is setting industry standards for **effectiveness and reliability.**



FACT

OSHA & EH40 regulations state you must not expose your team to levels of 1.5% CO₂ for any more than 15 minutes.

Fully scalable, the **Ax60+** can be configured to match the size of a warehouse, storage area or work environment. Different establishments have different needs. The Ax60+ can be customized for any need.

The O₂ monitoring system in the Ax60+ incorporates a lead-free electrochemical sensor that provides protection from potential **O₂ depletion**, caused by foreign gas elements, such as nitrogen or other inert gases, entering a workspace.

The Ax60+ auto calibrates every 30 days. This ensures the **highest level of accuracy and reliability**.

The Ax60+ meets all international standards, codes and regulations for workplace safety. This includes **EH40 and OSHA requirements**.

Features

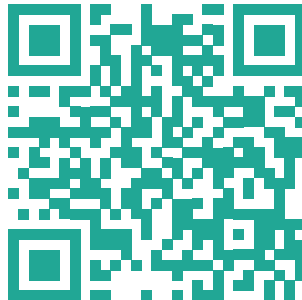
- Digital display (on central unit)
- Includes central unit, 1-4 sensors and 1-8 alarm units
- 2 relays as standard
- 5 year electronics warranty
- User maintainable
- Ambient air monitor
- Quick connect or hard wired options
- Strobe alarms available in white, blue or amber - your choice
- TWA (Time Weighted Average) alarm



Tech-Spec Snippet

	CO ₂ Sensor	O ₂ Sensor
Gas detected	Carbon dioxide (CO ₂)	Oxygen (O ₂)
Sensor Technology	Infrared	Electrochemical cell
Calibration	3% CO ₂ in N ₂ & 20.9% O ₂ in N ₂ Recommended every 12 months (but please check local jurisdiction/legislation requirements in your area)	Our smart software will ensure the CO ₂ sensor(s) automatically calibrate every 30 days
Default alarm set-points	CO ₂ sensor alarm set points are pre-configured ready to meet: USA regulations (OSHA, NBIC, NFPA and IFC) : TWA - 5000ppm (0.5%) AL1 - 5000ppm (0.5%) AL2 - 15000ppm (1.5%) AL3 - 30000ppm (3%) International/European regulations (EH40): TWA - 5000ppm (0.5%) AL1 - 15000ppm (1.5%) CO ₂ - 30000ppm (3%) Offering a quick, 'out of the box' installation. Set points can also be user configured to ensure compliance in any part of the world.	18% (low) 19.5% (low) 23% (high) (These are user changeable if required)
Warranty	Over 5 years - after that, you just need a replacement sensor, you don't need to replace the entire unit.	Up to 5 years in air, then you can just buy a new sensor unit when your sensor is due for replacement
Optional Outputs	DOM (Data Output Module) which offers 4-20mA & MODBUS RTU (connect to your BMS Building Management System)	

Want to know more?
Scan this QR code to visit our product page!



Or **click** on the globe below.



You may also like...

The **Aspida** CO₂ & O₂ your dual portable alert system [p. 26](#)

The **CO₂BUDDY**, your personal CO₂ portable alert system [p. 22](#)

Why Analox?

The Ax60+ meets all of these standards:



Spares & Accessories

Part No: AX60CUQYXA / AX60CUQYXE (US)

Central Display Unit (QC)

Part No: AX60SCQYA / AX60SCQYE (US)

Additional O₂ sensor (QC)

Part No: AX60SAQYA / AX60SAQYE (US)

Additional CO₂ sensor (QC)

Part No: AX60RQYBA / AX60RQYBE (US)

Additional Blue Alarm Strobe (QC)

Part No: AX60RQYCA / AX60RQYCE (US)

Additional White Alarm Strobe (QC)

Part No: AX60RQYDE (US)

Additional Amber Alarm Strobe (QC)

Part No: P0159-4305K

Sensor Protector Kit



P0159-4305K
Sensor Protector Kit

AX60+

AX60+ DOM

The Ax60+ Data Output Module provides real-time monitoring, in depth trend analysis, and informs autonomy within your building management system.

Designed specifically for integration with Ax60+ systems, the Data Output Module (DOM) acts as a gateway between the Ax60+ and remote systems or devices.

This DOM enables the communication of real-time monitoring to platforms such as a Building Management System (BMS) providing crucial insight and opportunities for in depth analysis.

The Ax60+ DOM features;

- Allows for real-time, remote monitoring & in depth trend analysis.
- Create broad sensing networks supporting up to 64 sensors.
- RS485 MODBUS RTU digital communications protocol.
- Up to 4 independant analog 4-20mA signal
- Remote alarm status & fault diagnostics.
- Simple installation

Want to know more? **Click the globe** to visit the DOM product page!



All Ax60+ DOM's
can be retrofitted
to your existing
Ax60+ system!

Ax60+ System



MODBUS RTU



Example Building Management System (BMS) Display



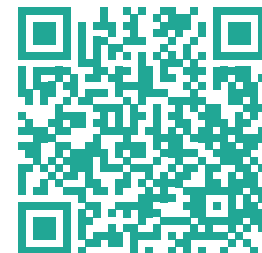
Building Management Systems are integral to the control of the building's environment. The BMS can automatically take action, based on sensor inputs, eliminating the risk of human error.

For example, in the case of a Gas Leak, the system would ventilate the area, isolate gas supply, close interleading doors and notify the necessary authorities, all of this, without human intervention or wasted time.

Tech-Spec Snippet

Number of analogue outputs	4
Output load capability	500 ohms max loop resistance per output
Analogue output type	Active 4-20mA per output
Digital output	RS-485
Comms protocol	Modbus RTU
Mounting	Wall mounted as per sensor
Certification	CE & IEC 61010-1 (UL) plus Australian AS5034-2005
Warranty	2 Years

Want to know more? **Scan this QR code** to visit our product page!



Ax60+ KIOSK

Same Industry-Leading Technology - Different Application

A wall mount, **single point CO₂ monitor, designed for kiosks.**

A smaller version of the popular Ax60+, the Ax60+ K, is a kiosk version **designed to monitor free-standing fast food kiosks and quick serve restaurants** often operating in food courts. Featuring the same state-of-the-art NDIR infrared sensor technology as the Ax60+, the “Kiosk” model was built specifically to monitor for the presence or build-up of CO₂ in non-traditional dining environments in malls, courtyards and outdoor cafes.

The unit features both audible and visual alarm alerts, which can be **customized to each location**. Additional alarms can be added as needed, providing up to **four per unit**.

Highly accurate and reliable, the Ax60+ Kiosk is designed to be a **low maintenance** tool that only requires annual maintenance per manufacturer’s instructions.

Each unit features a quick connect system and is pre-wired ready for installation.



FACT

The Ax60+ Kiosk was **designed specifically with fast food kiosks in mind** as a smaller and more compatible system in the Ax60+ range.



Features LOW MAINTENANCE

- Quick Connect System
- Pre-wired, ready to go
- Can support up to 4 alarm units
- Push button for unit testing

Tech-Spec Snippet

Ax60+ Kiosk Sensor	
Gas detected	Carbon dioxide (CO ₂)
Sensor Technology	Infrared
Default alarm set-points	TWA Alarm (0.5% over previous 8 hours) AL1 - 0.5% AL2 - 1.5% AL3 - 3.0%
Warranty	5 years for both sensor and electronics
Ax60+ Kiosk Alarm	
Strobe	White LED strobe, with an option to change to blue, red or amber filter.
Sounder	Min 80 dBA @ 3M (9.8 feet)

Want to know more? **Scan this QR code** to visit our product page!



Or **click** on the globe below.



You may also like...

The **CO₂BUDDY**, your personal CO₂ portable alert system [p. 22](#)

The **Ax60+**, if you need to monitor more than one area [p. 12](#)

Why Analox?

We understood that the hospitality industry had a safety issue with its use of CO₂ but an affordable solution was paramount. Our pioneering CO₂ sensor keeps **thousands of hospitality employees safe every day.**

Spares & Accessories

Part No: AX60SAQNK

Ax60+Kiosk CO₂ Sensor Unit, Quick Connect, Inc
Power supply. No cable

Part No: AX60RQNBA

Ax60+Kiosk Alarm (Blue Strobe), Quick Connect
Note: If you buy this spare alarm you require a
9300-5600 T-adaptor

Part No: 1558-5200

15m Quick Connect Cable

Part No: 8000-9008

Splashguard only

Part No: 9300-5500

Ax60+ RJ45 Inline Coupler

Part No: 9300-5600

Ax60+ Modular T-adaptor (f)

Part No: AX60CNQNXA

Ax60+Kiosk Calibration Tool (Central Display
Unit), Quick Connect, no cable



AX60+ KIOSK

AX60RQNBA
Ax60+Kiosk
Alarm Blue Strobe



CO₂BUDDY

0.04%

ANALOX

PORTABLE MONITORS

CO₂ BUDDY

Personal Protection In Ever-Changing Environments

A personal, portable CO₂ alarm unit.

Workers who transport gas products from one location to another or who work in multiple locations can be susceptible to CO₂ exposure without even knowing it. This is where our portable safety range comes into play.

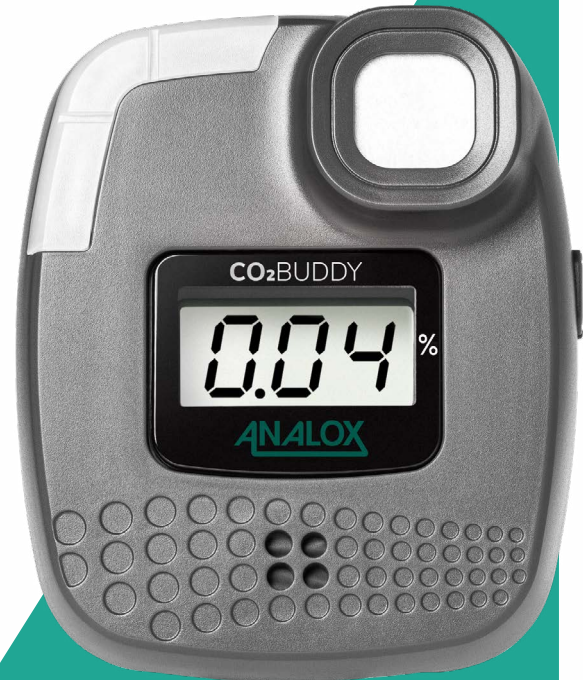
The Analox CO₂Buddy is a personal, portable CO₂ alarm unit that can be conveniently worn on a belt or uniform to help **detect CO₂ exposure or measure cumulative CO₂ buildup during the workday.**

Lightweight, portable and effective, the CO₂ Buddy is one of the **smallest personal CO₂ monitors on the market today.**

Simple to operate, users can select pre-configured alarm set points based on a TWA (time weighted average) that continuously monitors the environment over an **8 hour period.**

Environmentally-friendly, the CO₂Buddy features a **rechargeable battery that can easily last a minimum** of 48 hours on a single charge.

With industry-leading NDIR infrared technology, this advanced monitor is extremely durable and **features a long-lasting sensor lifespan.**



FACT

Enriched levels of CO₂ threatened the Apollo 13 astronauts who had to adapt cartridges from the command module to supply the carbon dioxide scrubber in the lunar module, which they used as a lifeboat.

Features

- Digital display
- Takes just 2 hours to fully recharge battery
- 48 hours battery life per charge
- 2 year sensor and electronics warranty
- User maintainable
- Includes belt clip and lanyard
- TWA (Time Weighted Average) alarm
- Fresh air calibration
- Single button operation
- Audio, visual & vibrating alarm
- Lightweight enclosure (70g/ 2.5oz)
- Highly accurate NDIR CO₂ sensor
- Rechargeable battery with a low battery warning
- Micro USB charging cable
- User changeable alarm set points



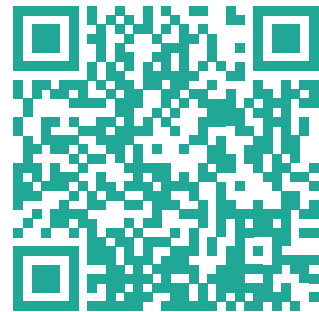
Tech-Spec Snippet

General	
Sensor Technology	Infrared
Display	LCD
Power	Rechargeable batteries Minimum of 48 hours of operation with low battery warning
Charging	2 hours at 5V, 300mA
Calibration	Fresh air - recommended every 3 months (but please check local jurisdiction/legislation requirements in your area)
Alarm indicators	Audible, visual and vibration with 4 user changeable alarm set points.
Approvals	CE, FCC

Environmental	
IP rating	IP54
Maximum relative humidity	95% RH (Non-condensing)
Temperature	0 to 40°C (32 to 104°F)

Product lifespan and warranty	
Product warranty	2 Years
Sensor Life	Up to 2 years in air, after that, you just need a replacement sensor, you don't need to replace the entire unit.

Want to know more? **Scan this QR code** to visit our product page!



Or **click** on the globe below.



You may also like...

The **Ax60+** on p.12 if you need a more permanent carbon dioxide gas monitoring solution.

Why Analox?

We have **designed, developed and manufactured** CO₂ sensors which were sent into space on a manned shuttle.

Service Packages

Part No: 7000-0244-0003

Bronze Servicing Package

Part No: 7000-0244-0002

Silver Servicing Package

Part No: 7000-0244-0001

Gold Refurb Package



ASPIDA

Personal Protection for Multiple Gas Exposure

A personal, portable CO₂ and O₂ monitor.

Workers in the beverage and hospitality industry encounter a number of potential risks on a daily basis. The risk of exposure to carbon dioxide (CO₂), oxygen (O₂), or inert gases such as liquid nitrogen (LN₂), argon (Ar), or nitrogen (N₂) is a reality of the job. The Analox Aspida is a robust, **highly versatile solution to personal protection in the workplace.**

The Aspida is a high specification personal oxygen (O₂), carbon dioxide (CO₂) or dual (O₂ / CO₂ combined) monitor which can be worn on a belt or even wall mounted as a backup to a primary safety system. **It is most routinely used by gas delivery drivers and technicians.**

Highly versatile and effective, the Aspida features both audible and visual alarms, data logging and a **man down alarm for workers who operate independently.**

An ideal solution to protecting staff the Aspida unit alerts workers to the dangers of a leak of carbon dioxide (CO₂), oxygen (O₂) or inert gas.

Using **environmentally-friendly rechargeable** battery technology, the Aspida can operate for more than 12 hours continuously between charges.



FACT

TWA is a person's average airborne exposure in any 8 hour shift. Standards around the world like **EH40** and **OSHA** stipulate the permissible limits of this exposure to hazardous gases and oxygen levels.



Stone Brewing Company loves our Aspida - calling it "easy to use"

ASPIDA

Features

- Digital OLED display
- 3 variations available:
 - CO₂ monitor
 - O₂ monitor
 - Dual CO₂ & O₂ monitor
- Data logging feature
- Data for 2 users can be logged (shift workers)
- Man-down alarm (for lone workers)
- Panic Button to manually raise alarm
- 15 hours battery life per charge
- Automatic maintenance reminders and fully user maintainable
- Offers both continuous monitoring and spot checking
- TWA (Time Weighted Average) Alarm
- Can be worn on a belt or an optional wall mount is available
- Audio, visual and vibration alarms

Tech-Spec Snippet

System Specification		
Operating temperature	-5°C to +50°C	
Humidity Range	0 to 99% RH	
Display	High-visibility, Organic Light Emitting Diode (OLED) display	
Alarm horn	95dB @ 30cm (110dB - man-down alarm)	
LED indicators	1 x Green - OK, 1 x Amber - Fault, 1 x Red - Alarm	
Internal data log	1 log every 30 seconds for at least 7 days of continuous use	
Batteries	2 x NiMH 2100mAh AA batteries (or suitable AA type batteries)	
Battery discharge time	15 hours under normal operation (passive atmospheric monitoring, minimal user interaction, no alarms)	
IP rating	IP65	
	CO ₂ Sensor	O ₂ Sensor
Sensor Type	Analog infrared MIR	Electrochemical
Range	0.01 to 5%	0.1 to 25%
Accuracy (at standard temperature and pressure)	±2% of full scale between 0.01% and 2.5%, ±3%	±3% of full scale between 0.1% and 25%
Response time	T90 <60 seconds	T90 <30 seconds
Sensor life span	5 years	2 years (expected)

Want to know more?
Scan this QR code to visit our product page!



Or **click** on the globe below.



You may also like...

The **Ax60+** on **p.12** if you need a more permanent gas monitoring solution.

Why Analox?

The **Aspida** was the **first gas alarm to feature a man down / panic alarm**. This can be triggered by the user or will automatically go off after a period of stillness should the user collapse.

Spares & Accessories

Part No: 2557-0005

Rechargeable NmHi power cell

Part No: 2822-0035A

9V DC Universal Plug & Charger

Part No: 9100-1020RK

Replacement O₂ sensor and extraction kit.

Part No: 9100-1060RK

Replacement O₂ sensor and extraction kit.

Part No: 9300-1008K

Download kit, comprising: 1 x software disk, 1 x USB lead

Part No: 9300-1009K

Wall mount kit for handy storage when not in use

Part No: 9300-1010

Leather belt clip with press-stud fastener

Part No: MIO2HO

Replacement tubing (per metre)

Part No: MIO2SDK

Sample draw kit: consisting of universal flow adaptor

Part No: PGA-401DK

Dual calibration adaptor

Part No: PGA-401SK

Single calibration adaptor

Part No: PGA-607

9V DC car charger

Part No: PGA-613

Sample draw kit for dual Aspida inc: 1 x universal flow adaptor, 1 x aspirator bulb, 1 x rubber tubing, 1 x stainless steel probe



2822-0035A

9V DC Universal Plug & Charger

AIR QUALITY GUARDIAN

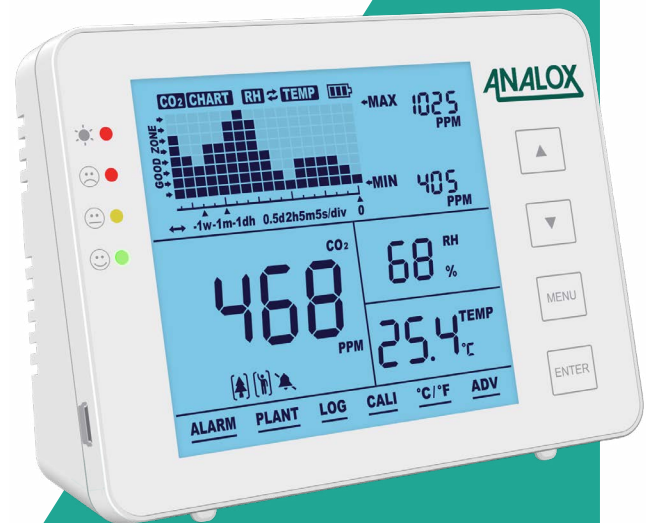
Looking After the Air You Breathe

A personal, portable air purity monitor.

The Air Quality Guardian (AQG) is a reliable air quality monitor designed specifically to measure levels of **carbon dioxide (CO₂)**, **relative humidity (RH)** and **temperature (temp)** in buildings, storage facilities and retail establishments.

The AQG is designed to help maintain a safe and energy efficient building. **An occupied area, such as a cafe or restaurant with good ventilation will have levels of around 400-800ppm (parts per million) CO₂.** Anything above this, you know you need to ventilate, anything below this and you may be over-ventilating and wasting energy.

By using the Air Quality Guardian as part of your **HVAC system**, you can also ensure the health and well being of those in the area. This unit uses a simple traffic light system to let you know at a glance when fresh air is needed. **By ventilating, you are reducing the risk of a virus such as COVID-19 spreading.**



FACT

UK HSE says you should, “Use carbon dioxide (CO₂) monitors to identify the CO₂ levels to help decide if ventilation is poor.”

OSHA/ASHRAE recommend the maximum level of CO₂ in a closed room is 1000ppm.



Air Quality Guardian in use in Pennyman Primary Academy, Tees Valley

Features

- Large backlit LCD screen
- **Real time measurements** of CO₂, temp and RH levels
- Simple 4 button navigation
- **Ready to use** - straight from the box
- Wall mountable or desktop
- Low drift NDIR (Non dispersive infra-red) CO₂ sensor with a **long lifespan**
- Built-in **data logging**
- Simple **three-level indoor air quality indication system** including:
 - Green (under 800ppm)
 - Amber (800ppm to 1200ppm)
 - Red (1200ppm+)
- **Configurable** audible and visual alarms
- **Power** and charge via USB
- 8 hour **battery backup** as standard
- Option to switch to a **plant monitoring mode**

Tech-Spec Snippet

CO ₂ Sensor	
	0 to 5000 ppm
	(0~3000)ppm: ± 50ppm ± 5% of reading (take the Maximum) (>3000)ppm: ± 7% of reading
	0°C to 50°C / 32°F to 122°F
	0.1°C / 1°F
	±1 °C / ±1°F
	5 to 95% (non-condensing)
	±5%
	<20 seconds
	Charged by USB cable Lithium battery backup with only 2.5 hours to full charge and 8 hours operation
	160mA Peak, 40mA average at 5.0V
	120 x 90 x 35 mm 4.75 x 3.5 x 1.4 in
	190g / 6.7oz
	2 Years
	CE, UKCA, RoSH 2.0, REACH, FCC

Want to know more?
Scan this QR code to visit our product page!



Or **click** on the globe below.



Why Analox?

We deliver a comprehensive through life support, we make sure that **Analox is always by your side.**

Where is it used?

Restaurants, fast food, sports bars & pubs
Theatres, cinemas, auditoriums & stadiums
Gyms, leisure centres & yoga studio's
Hotels
Cruise ships & ferries
Schools, universities & academic buildings

HVAC
Facilities offices & meeting rooms
Conferences & exhibitions
Hospitals & nursing homes
Places of worship
Homes & condos



Air Quality Guardian in use at The Bay Horse,
Great Broughton.

OUR STORY

What do we do?

Design, develop and manufacture gas sensing products and systems tailored to your application or custom needs.

Where are we?

Our **HQ** is based in **Stokesley, UK** and we also have an office in **California, USA**. Our distributor network spans **every continent**.

Who are our target markets?

- Beverage & Hospitality
- Military

Where are our products used?

Keeping staff and customers safe from CO₂ leaks all throughout the beverage and hospitality industry in places such as

- Breweries and vineyards
- Pubs, sports and wine bars
- Hotels and restaurants
- Quick serve food outlets and kiosks
- Stadiums, arenas and movie theaters

We are also used in:

- Comprehensive submarine atmosphere monitoring systems to keep our submariners safe
- Deep sea diving bells, we are the only company in the world who can monitor hydrocarbons at 300m under the sea in 95% RH
- Our oxygen sensors protect astronauts in space exploration
- Breath analysis for patient diagnosis of gastrointestinal diseases
- Biomass plants to enable production of green energy
- Our oxygen monitors protect key medical workers in hospitals

OUR VALUES



Teamwork



**Commitment
to Excellence**



**Customer
Focus**



Pride



Integrity



Bold

WHY CHOOSE US?

We are **DEDICATED** to you: your safety, your process, your application.

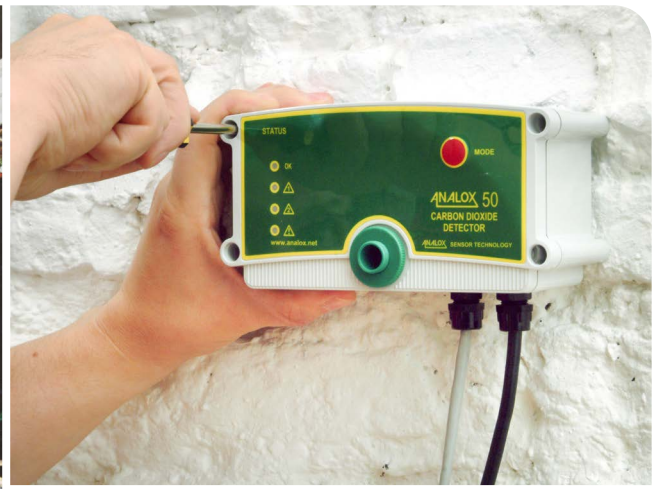
We love a **CHALLENGE** and will develop a **SOLUTION** just for you.

We have a tonne of **EXPERTISE** and lots of gas gurus working for us.

And did we mention we make stuff to send into **SPACE?**

(Psst, just don't ask us who we work with on this.....

*it's **TOP SECRET - CLASSIFIED** info...)*



ANALOX AND THE BEVERAGE & HOSPITALITY INDUSTRY

The Analox Group has worked with beverage and hospitality-related companies for more than 30 years. Our team of engineers and product designers understand the industry and have designed a wide range of products created exclusively to meet beverage and hospitality industry challenges.

The Analox product line is diverse and designed to handle virtually all beverage and hospitality needs. The portable **Aspida** unit, designed for personal protection of beverage gas delivery drivers, became a market leader in the industry. Analox also created the **CO₂Buddy** personal detection model specifically to protect individuals in ever-changing workplace environments.

Analox built on the technological success of those units and introduced the **Ax60+** in 2014. This highly scalable monitor provides simultaneous CO₂ and O₂ analysis from multiple locations. The **Ax60+ Kiosk** model, which was designed for operations with free-standing kiosks, soon followed.

Today, there are more than 100,000 Analox units in use in beverage and hospitality outlets delivering unmatched safety and protection to customers and workers in this multi-billion dollar industry.

A black and white photograph of a person in a dark, long-sleeved shirt writing on a whiteboard. The whiteboard has several lines of handwritten text, including "DAILY SURVEILLANCE", "CENTRAL SURVEILLANCE", "FINANCIAL STOCK HOLDING", "LOSS OF UTILITIES", "LOSS OF REVENUE", and "LOSS OF REPUTATION". The person is holding a white marker. The background is a light-colored wall with a grid pattern. The text "HANDY HINTS" is overlaid in large, white, bold, sans-serif font in the center of the image.

HANDY HINTS

- Once your monitor is installed, **train your staff** on what it is, what each alarm level means and what action they need to take if an alarm situation occurs.
- **Install signage** near to the units to explain what it is, **Analox can provide this.**
- **Regularly practice a gas leak evacuation**, just like you do your fire evacuations drills.
- Ensure you are clear on what upkeep the system needs and **set reminders for preventative maintenance. If you're not sure, get in touch with us.**
- The systems are electrical items and are not waterproof. **They should never be sprayed with water or chemicals during cleaning.** You can clean the units with a slightly damp cloth.

Analox can offer online gas safety training for your team, **just give us a call.**



FAQ



- Q. What is the maximum number of CO₂ sensors and alarms that can be connected to the Ax60+ Central Display Unit?**
- A. A maximum of four sensors, of any combination of CO₂ or O₂, and a maximum of eight strobe alarms.
- Q. How low should the CO₂ sensors be installed?**
- A. CO₂ sensors should be installed at approximately 457mm (18 inches) above floor level. This is because CO₂ that leaks from a gas cylinder is denser than air and will collect near ground level. O₂ sensors should be installed at normal working head height.
- Q. What is the maximum room area that will be covered by a single wall mount monitor?**
- A. Approx 80m³, however, this is simply a guideline. We recommend that a full risk assessment is conducted before purchasing our units, so that the correct amount and type of units can be selected.
- Q. Is an oxygen safety monitor the same as a nitrogen safety monitor?**
- A. Essentially, yes. When there is a threat of O₂ levels being depleted due to a leak of nitrogen gas or liquid, then an O₂ safety monitor is required. These are sometimes referred to as nitrogen safety monitors.



A black and white photograph showing a person's hands. The left hand holds a smartphone, and the right hand is positioned over a laptop keyboard. The background is blurred, suggesting an office or workspace. The text 'GET IN TOUCH' is overlaid in the center in a bold, white, sans-serif font.

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TOUCH**

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