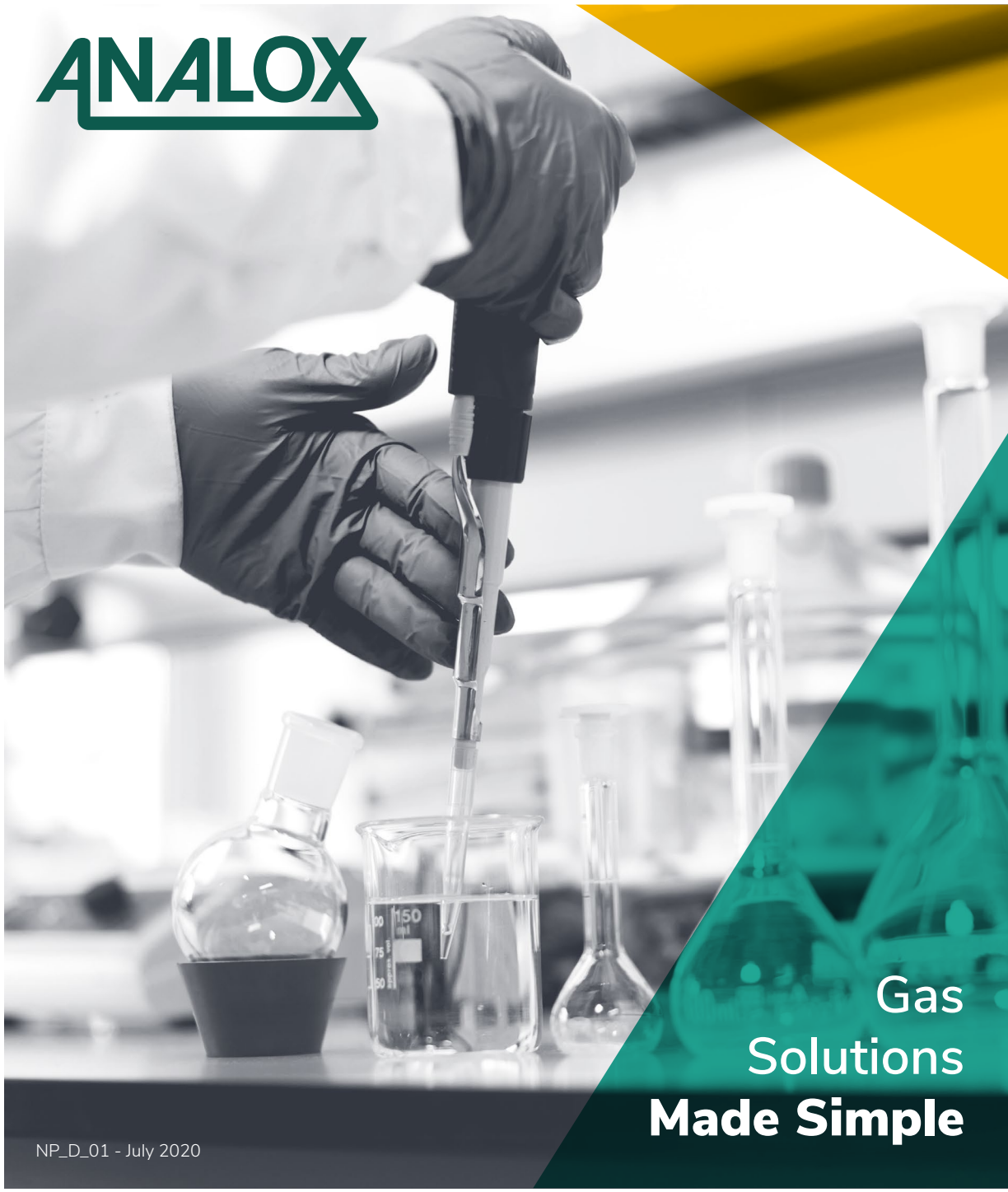


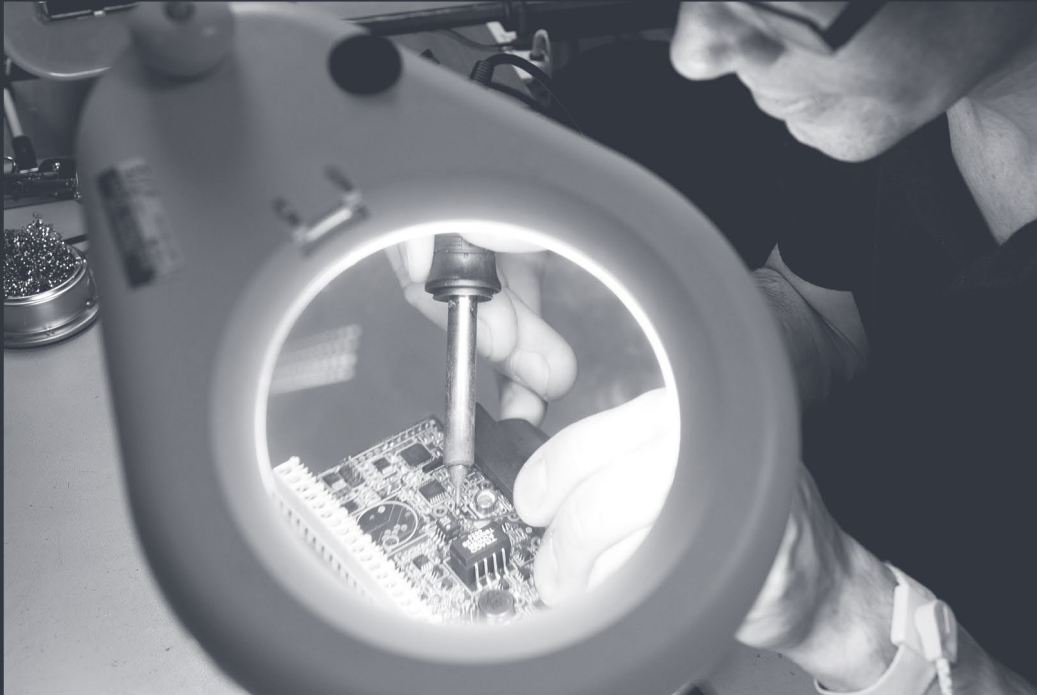
The logo for ANALOX, featuring the word "ANALOX" in a bold, dark green, sans-serif font. The letters "A" and "X" have a unique design where the top and bottom bars extend and connect to form a rectangular frame around the letters.

ANALOX



Gas
Solutions
Made Simple

LABORATORY



Your Challenge, **Our Passion**

CONTENTS

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?

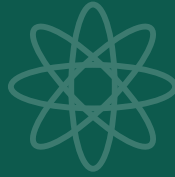
Our **HQ** is based in **Stokesley, UK** and we also have an office in **California, USA**. Our distributor network spans every continent.

Who are our target markets?

- Labs
- Medical
- Diving
- Military
- Green Energy
- Beverage
- Gas Blending & ASU (Air Separation Units)

Where are our products used?

- Agricultural research labs to combat methane release
- 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
- Diners, bars, fast food restaurants to protect staff from CO₂ leaks
- Our oxygen monitors protect key medical workers in hospitals



OUR VALUES

Our **CUSTOMERS** are at the ❤️ of what we do

We are **PROUD** of what we do

We operate **ETHICALLY** and do the right thing

We are **BOLD**, we are prepared to work out of our comfort zone

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.

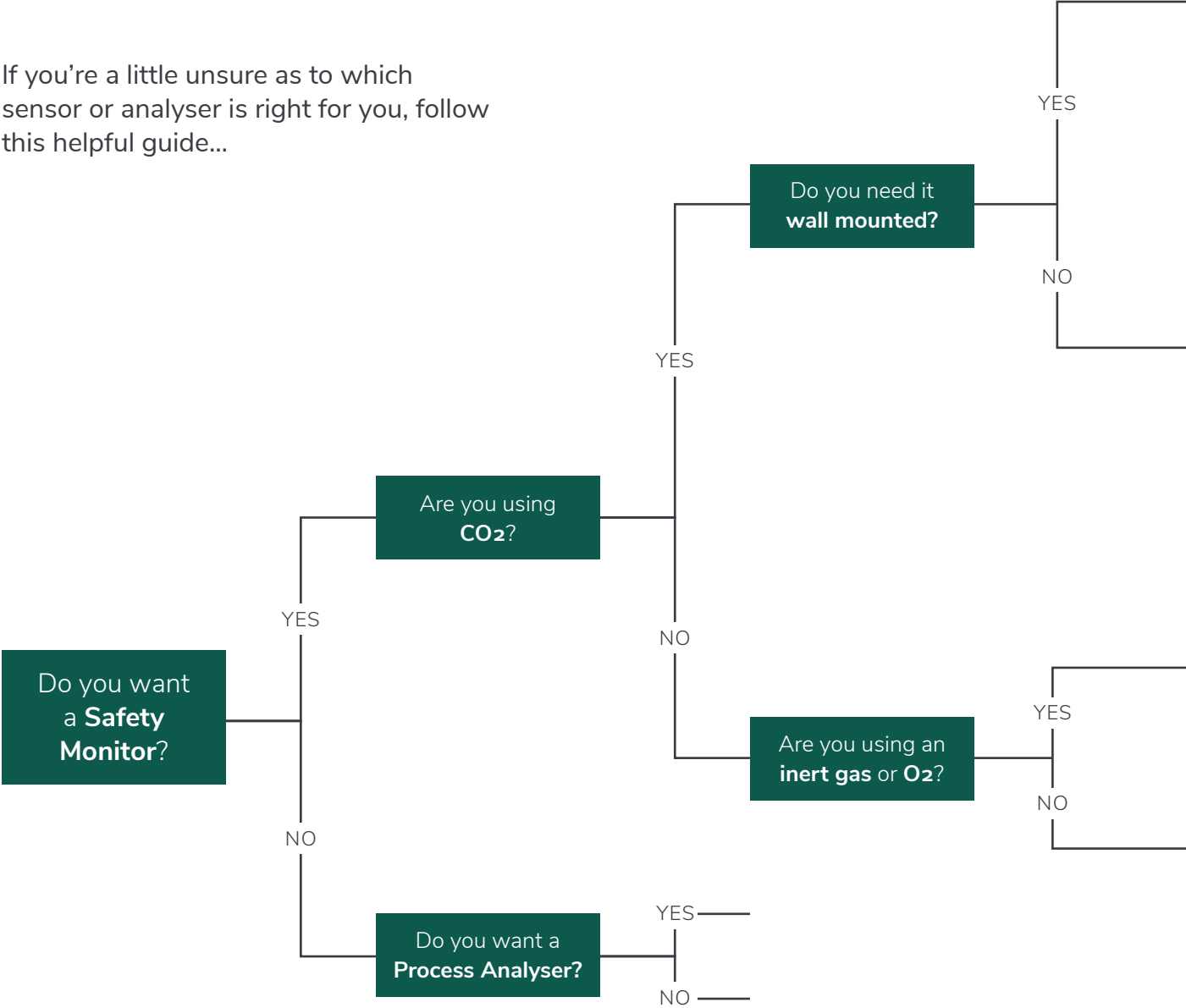
And did we mention we make stuff to send into **SPACE?**

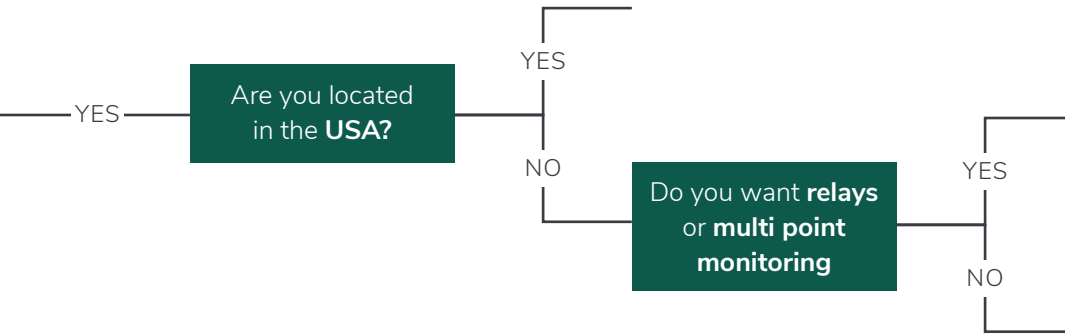
(Psst, just don't ask us who we work with on this.....

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

SENSOR GUIDE

If you're a little unsure as to which sensor or analyser is right for you, follow this helpful guide...





NO

LABORATORY LAYOUT

We realise that each lab layout is unique, which is why we have designed our systems to offer you full flexibility.

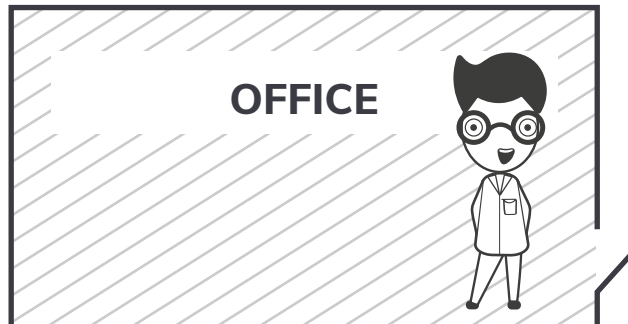
Layout

- Carry out a risk assessment to determine correct positioning
- Use alarms/repeaters at the entrance to warn staff of a gas leak
- Portable, personal alarms add an extra layer of protection and can act as a backup system

Cylinder Storage

- Store in a well ventilated area
- Store your full and empty cylinders separately
- Store your O₂ cylinders away from toxic and flammables
- Rotate your stock and ensure you use the oldest cylinders first
- Use appropriate signage

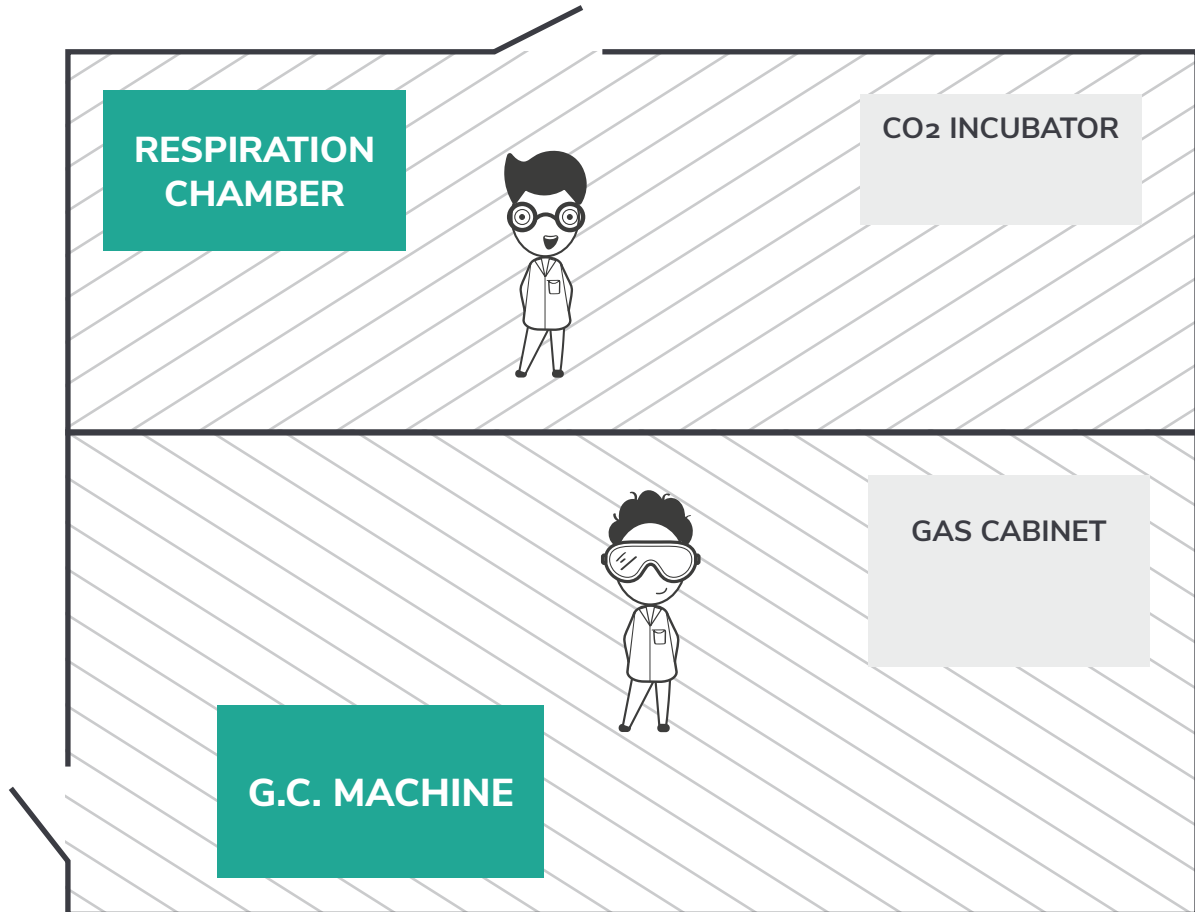
Example Layout



Key

- | | | |
|------------------------------------|------------------------------------|--------------------|
| ◆ 5S MkIII | ⊙ Ax60+ CO ₂ Alarm Blue | ● Safe-Ox |
| ■ Aspida O ₂ | ⊙ Ax60+ Main Unit | ▲ Safe-Ox Repeater |
| ⊙ Ax60+ O ₂ Sensor | ■ CO ₂ BUDDY | ● Venus Pro |
| ⊙ Ax60+ O ₂ Alarm White | ◆ MEC | ▲ Venus Solo |
| ⊙ Ax60+ CO ₂ Sensor | | |

Example Layout



The image shows three rugged, black safety monitors from the brand Aspidra. They are arranged on a surface that appears to be a technical drawing or blueprint, with various lines and text visible in the background. The central monitor is the most prominent, showing its front face with a circular speaker grille, a small display screen, and several control buttons. The brand name 'Aspidra' is embossed on the front. The other two monitors are positioned to the left and right, slightly out of focus. The overall lighting is dramatic, highlighting the textures of the devices and the lines of the drawing.

SAFETY MONITORS

OXYGEN (O₂)

Oxygen, we all know we need it to live so why can it be so dangerous? The optimal level of O₂ to support life is 20.9%. Slightly too much or too little can pose many risks.

Too little O₂ and the body suffers from hypoxemia, causing it to shut down. Effects can range from headaches and shortness of breath to affecting the heart and brain and sadly ends in death.

Too much O₂ causes a condition called hyperoxia, this causes the central nervous system to shut down, damages airways and as with too little O₂ can end with loss of life. Enriched O₂ also poses an increased fire and explosion risk.

By monitoring the atmosphere with gas detection you are ensuring staff and your site are safe from these risks. It also enables you to meet regulations such as OSHA and EH40.

So, who needs an O₂ monitor? Anyone using either an inert gas (N₂, Ar, He, LN₂) or O₂ in their labs.

APPLICATIONS

- Gas Chromatography
 - Carrier gases
- Mass Spectrometers
 - Cryogenics
- Specimen preservation & storage
 - Pharmaceuticals
 - Research
 - Liquefaction
 - Clean Rooms

TOP TIP!

An O₂ monitor will not protect you from CO₂ exposure, this is a myth. If using CO₂ **you need a CO₂ monitor.**

SAFE-OX+

A single point, wall mountable O₂ enrichment and deficiency monitor.

Protect your staff, visitors and site from a leak of enriched O₂ or an inert gas such as LN₂, Ar or N₂. The Safe-Ox+ will alert your team to any dangerous rise or fall in gas levels of O₂ so they can take action and stay safe.

Features

- Plug-in & Go - install in minutes
- Digital display (on sensor unit)
- Includes main sensor unit & remote repeater (to protect lab entrance)
- User maintainable
- Ambient air monitor

Example setup

Part No: AX1BK20X56Q2Y51

Includes 2 relays, 110V US Power supply, quick connect repeater.



Unlike most O₂ sensors, our **Safe-Ox+** can be used in **Helium (He)** environments.

Tech-Spec Snippet

Sensor Life	Up to 7 years in air, this is also user replaceable once your sensor expires
Sensor Technology	Electrochemical
Alarms	Audible & visual at 19.5% & 23%, these can also be user configured
Calibration	Use pure air - recommended every 12 months (but please check local jurisdiction / legislation requirements in your area)
Optional Outputs	Relay(s) (switch a gas solenoid or central alarm) 4-20mA (connect to your BMS Building Management System)



FACT

If just 1 cylinder of N₂ were to leak in your lab the level of O₂ could **reduce by 25%**

Why Analox?

The Safe-Ox+ reached the final of the S-Lab (Sustainable Laboratories) Awards for **'Best Innovative Product'**

Spares & Accessories

Part No: 8000-0069A
Calibration flow adaptor

Part No: 9100-2650
Replacement O₂ sensor

You may also like...

The **Aspida** O₂ (Personal Alarm) p. 16

Save money and buy the **Safe-Ox+** and **Aspida** Bundle p. 38

Ax60+ O₂

A multi-point wall mountable O₂ enrichment and deficiency monitor.

This flexible O₂ system is ideal for larger labs or sites with multiple labs or gas storage areas requiring monitoring. It will protect your staff, visitors and site from a leak of enriched O₂ or an inert gas such as LN₂, Ar or N₂. The Ax60+ will alert your team to any dangerous rise or fall in O₂ levels so they can take action to stay safe.

Features

- Digital display (on central unit)
- Includes central unit, 1-4 sensors and 1-4 alarm units
- 2 relays
- 5 year electronics warranty
- User maintainable
- Ambient air monitor
- Quick connect or hard wired options

Example setup

Part No: AP202

Includes 2 sensors, 2 white alarm strobes, quick connect system, universal power supply.



You can also add CO₂ sensors to the Ax60+ O₂ system **offering protection from multiple dangers.**

Tech-Spec Snippet

Sensor Life	Up to 5 years in air, then you can just buy a new sensor unit when your sensor is due for replacement
Sensor Technology	Electrochemical
Alarms	Audible & visual at 18%, 19.5% & 23% (These are user changeable if required)
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)
Optional Outputs	DOM (Data Output Module) which offers 4-20mA & MODBUS RTU (connect to your BMS Building Management System)

FACT

Krypton is one of the **rarest inert gases** on the planet. In atmospheric air there is around 1 ppm of Krypton gas (Which is why there are no superheroes...)

Why Analox?

We meet all of these standards...



Spares & Accessories

Part No: P0159-4150-EN O₂ Safety Signage Pack (English)

Part No: P0159-4305K Sensor Protector Kit

Part No: AX60SCQYA Additional O₂ sensor (QC)

Part No: AX60RQYCA Additional White Alarm Strobe (QC)

Part No: US-4000-0159-0020 Gas shut off valve

You may also like...

The **Aspida** O₂ (Personal Alarm) p. 16

ASPIDA O₂

A personal, portable O₂ enrichment and deficiency monitor.

With the Aspida on your side you can rest assured you are safe. This portable O₂ alarm unit is **ideal for staff working in a lab with enriched O₂ or an inert gas such as LN₂, Ar or N₂.** Just clip it to your belt and get on with your job knowing it will alert you to any dangerous gas leaks.

Features

- Digital display
- Data logging function
- Data for 2 users can be logged (shift workers)
- Man down alarm (for lone workers)
- 15 hours battery life per charge
- User maintainable
- Maintenance reminders

Example setup

Part No: ASPBA01YU01

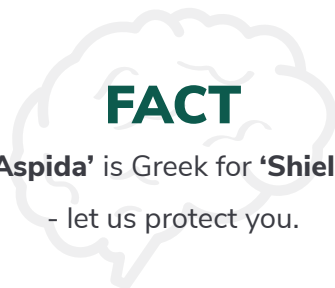
Includes man down alarm, O₂ sensor and 9V DC mains charger with a universal plug.



You can also add a CO₂ sensor to the Aspida offering protection from multiple dangers.

Tech-Spec Snippet

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.
Sensor Technology	Electrochemical
Alarms	Audible & visual at 18%, 19.5% and 23% (These are also user changeable if required)
Calibration	Fresh air - recommended every 2 months (but please check local jurisdiction/legislation requirements in your area). It will also remind you when your calibration is due... Clever stuff!
Power	Rechargeable batteries - if you don't have time to recharge, simply insert some AA batteries instead.



'Aspida' is Greek for **'Shield'**
- let us protect you.

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: 9100-1020RK Replacement O₂ sensor and tool

Part No: 9300-1009K Wall mount kit for handy storage when not in use

Part No: PGA-607 Car charger 9V DC - for techs on the move

You may also like...

The **Ax60+ O₂** (Wall mount monitor) on p. 14



INVENT
PLEASE
Serial
Date
Do
IF T
BJ I
© 19

RETURN
771
ALLY

GBR
084

WIKA

CHROMA

85

CARBON DIOXIDE (CO₂)

CO₂ is present in the atmosphere at levels of 0.04%, an increase to just 0.5% over a daily shift can cause harm to the human body. **Symptoms can include: dizziness, headaches, difficulty breathing and ultimately asphyxia.**

It is a toxic gas that cannot be detected with human senses, the only way to know you are protected is to use gas monitoring. Gas monitoring also ensures your facility is compliant with OSHA and EH40 regulations.

APPLICATIONS

- Incubators
- Sample preservation and storage
- Cell Culture
- Gas Chromatography
- Dry Ice
- Refrigeration
- Research
- Fire Suppression
- Appliance Testing

TOP TIP!

CO₂ is heavier than air
so CO₂ sensors should be
installed around **305 - 457mm**
above the ground.

A50

A wall mount, single point CO₂ monitor.

The A50 offers peace of mind, just install it in your lab and it will alert your team to any rise in CO₂ levels. This monitor is ideal for the smaller lab where CO₂ or dry ice is used or your gas storage area.

NOTE: Not recommend our US customers - please see the Ax60+ p. 22

Features

- Plug-in & Go installation
- Includes main sensor unit and remote repeater alarm
- 5 year electronics warranty
- User maintainable
- TWA (Time Weighted Average) Alarm

Example setup

Part No: A50BC60X55QXXX01

Includes main sensor unit, remote repeater, quick connect cabling and 230VAC UK power supply.



The A50 comes with
**a 5 year sensor
warranty.**

Tech-Spec Snippet

Sensor Life	Over 5 years
Sensor Technology	Infrared
Alarms	Audible & visual at 1.5% & 3% TWA alarm at 0.5%
Calibration	Our unique software will automatically calibrate the sensor every 30 days



FACT

Dry Ice is CO₂ in its solid form, using dry ice has the **same health risks** as using cylinders of CO₂

Why Analox?

Analox was the **first company in the world** to make CO₂ sensing affordable for all.

Spares & Accessories

Part No: REP50CXX01 Additional remote repeater for multiple entrance coverage

Part No: 8000-9008 Splash guard to protect the sensor

You may also like...

The **CO₂BUDDY** CO₂ (Personal Alarm) p. 24

Ax60+ CO₂

A flexible, multi-point, fixed CO₂ monitor.

The Ax60+ is the ultimate lab mate to ensure the safety of your staff and visitors.

This fixed CO₂ system is ideal for protecting workers in any lab using CO₂. It can monitor between 1-4 areas, so it's perfect for larger facilities or for future expansion.

Features

- Digital display on central unit
- Strobe alarms available in white, blue or amber - your choice
- TWA (Time Weighted Average) alarm
- 2 relays as standard
- User maintainable
- 5 year electronics warranty

Example setup

Part No: AP1

Includes central display, 1 sensor, 1 blue strobe alarm, quick connect cabling and universal power supply.



You can also add O₂ sensors to the Ax60+ to **protect from inert gas or enriched O₂ leaks.**

Tech-Spec Snippet

Sensor Life	Over 5 years - after that, you just need a replacement sensor, you don't need to replace the entire unit.										
Sensor Technology	Infrared										
Alarms	<p>CO₂ sensor alarm set points are pre-configured ready to meet:</p> <table border="0"> <tr> <td>USA regs (OSHA, NBIC, NFPA and IFC) :</td> <td>European/International regs (EH40):</td> </tr> <tr> <td>TWA - 5000ppm (0.5%)</td> <td>TWA - 5000ppm (0.5%)</td> </tr> <tr> <td>AL1 - 5000ppm (0.5%)</td> <td>AL1 - 15000ppm (1.5%)</td> </tr> <tr> <td>AL2 - 15000ppm (1.5%)</td> <td>CO₂ - 30000ppm (3%)</td> </tr> <tr> <td>AL3 - 30000ppm (3%)</td> <td></td> </tr> </table> <p>Offering a quick, 'out of the box' installation. Set points can also be user configured to ensure compliance in any part of the world.</p>	USA regs (OSHA, NBIC, NFPA and IFC) :	European/International regs (EH40):	TWA - 5000ppm (0.5%)	TWA - 5000ppm (0.5%)	AL1 - 5000ppm (0.5%)	AL1 - 15000ppm (1.5%)	AL2 - 15000ppm (1.5%)	CO ₂ - 30000ppm (3%)	AL3 - 30000ppm (3%)	
USA regs (OSHA, NBIC, NFPA and IFC) :	European/International regs (EH40):										
TWA - 5000ppm (0.5%)	TWA - 5000ppm (0.5%)										
AL1 - 5000ppm (0.5%)	AL1 - 15000ppm (1.5%)										
AL2 - 15000ppm (1.5%)	CO ₂ - 30000ppm (3%)										
AL3 - 30000ppm (3%)											
Calibration	Our smart software will ensure the CO ₂ sensor(s) automatically calibrate every 30 days										
Optional Outputs	You can add 4-20mA and MODBUS RTU Comms - just ask us about the DOM (Data Output Module)										

AX60+ CO₂

FACT

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

Why Analox?

The Ax60+ meets all of these standards:



Spares & Accessories

Part No: P0159-4120-EN CO₂ Safety Signage Pack (English)

Part No: P0159-4305K Sensor Protector Kit

Part No: AX60SAQYA Additional CO₂ sensor (QC)

Part No: AX60RQYBA Additional Blue Alarm Strobe (QC)

Part No: US-4000-0159-0020 Gas shut off valve

You may also like...

The **CO₂BUDDY** - your personal portable alert system p. 24

CO₂BUDDY

A personal, portable CO₂ alarm unit.

With the CO₂BUDDY by your side you can rest assured you are safe. This portable CO₂ alarm unit is **ideal for staff working in a lab where CO₂ or dry ice is being used.** Just clip it to your belt or use the handy lanyard and get on with your job knowing it will alert you to any dangerous gas leaks.

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

Example setup

Part No: 4000-0244-0001

Portable CO₂ alarm, lanyard, belt clip and micro USB cable for charging.



Weighs less than 70g!
You won't even know
he's there, **unless**
you need him.

Tech-Spec Snippet

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.
Sensor Technology	Infrared
Alarms	Audible, visual and vibration with 4 user changeable alarm set points
Calibration	Fresh air - recommended every 3 months (but please check local jurisdiction/legislation requirements in your area)
Power	Rechargeable batteries

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.

Why Analox?

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

Spares & Accessories

- Part No: 7000-0244-0003** Bronze Servicing Package
- Part No: 7000-0244-0002** Silver Servicing Package
- Part No: 7000-0244-0001** Gold Refurb Package

You may also like...

The **Ax60+ CO₂** (Wall mount monitor) on p. 22

CUSTOM GAS ANALYSERS

Precision gas analysis is critical for all types of labs, from private, academic, military, medical and research.

We understand that each of your projects have custom requirements so a standard analyser with rigid features just won't cut it. Analox has designed a **flexible, modular analyser** which can be built to **your specific requirements**.

Need it to be wall mounted? **Easy.**

Need it to have a high pressure sample pump? **Sure.**

Need it to have multiple gas paths? **We've got your back.**

APPLICATIONS

- Animal Emissions
- Greenhouse projects
- Military fitness testing
- Missile Production
- Aerospace Testing
- O₂ Candle Testing
- CO₂ Scrubber Testing
- Combustion Research

VENUS PRO

A multi-gas, high precision analyser.

Research, compliance and analysis all require accurate gas measurements. The Venus Pro is a precision analyser capable of continually measuring up to 4 gases which can range from O₂, CO, CO₂ right through to CH₄, N₂O and H₂. Whatever your application, we have the analyser for you.

Features

- Digital display
- 3U/4U/6U rack mount or wall mount
- 4 relays
- 1-4 sensors per system
- 4-20mA & RS232 outputs

Example setup

Part No: 4000-0256-0005

Includes: 3U Rack Mount chassis, CO₂, CO, CH₄ & H₂ sensors, auto calibration function and sample pump.



Tech-Spec Snippet

Gas Sensors	O ₂ , CO ₂ , CO, H ₂ , NO, N ₂ O, VOC, CH ₄ and Moisture - Gas not on the list? Just give us a call.
Sensor Technology	Paramagnetic, Electrochemical, Zirconia, GFC (Gas Filter Correlation), Infrared and Ceramic
Optional Extras	Sample pump, data logging, purge pump, CO ₂ and CO scrubbers, pressure and temperature compensation, MODBUS and additional gas paths.
Calibration	Manual or auto cal functions (Frequency will depend upon your system selection)
Power	90-240V AC, 50/60Hz

FACT

As well as studying animals from around the globe, Darwin also enjoyed snacking on them and is said to have eaten: armadillo, ostrich, hawk and puma.

Why Analox?

We have an in-house design team and we are experts in lean manufacturing techniques. **We are equipped to manufacture one-off specials or produce runs of thousands.**

Spares & Accessories

Part No: SA2A0LEAD UK Power cable

Part No: SA2A0LEADUSA US Power cable

Part No: SA2A0LEADEURO EU Power cable

You may also like...

The **Ax60+ CO₂** (Wall mount monitor) on p. 22

SENSORS



Our unique range of OEM sensors

offer simple integration into your own gas analysis systems or lab equipment.

Choose from a variety of gases and ranges offering the perfect solution for either trace ppm or pure gas measurements.

Our in-house development team can offer assistance with the integration as part of our service.

APPLICATIONS

Breath Analysis

Incubators

Genetics

Nutrition

Fume Hoods

Gas Cabinets

MAP (Modified Atmosphere
Packaging)

Water Treatment

Gas Manifolds

VENUS SOLO

A GFC sensor for integration into your system.

The Venus Solo offers you an easy sensing solution to integrate into your gas system or analysis equipment. It is **available in a variety of gases and ranges** from low ppm to purity (100%) measurements.

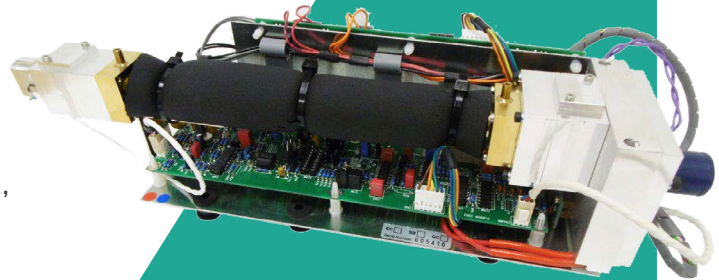
Features

- A choice of 5 standard gases: CO, CO₂, CH₄, NO and N₂O
- 0-2v Output
- On-board calibration control
- Status signal for device health check

Example setup

Part No: 4000-0254-2049

0-1000ppm NO sensor



The Venus Solo can also be used in the Venus Pro analyser, **offering a full solution.**

Tech-Spec Snippet

Sensor Life	5+ years
Sensor Technology	GFC (Gas Filter Correlation)
Response Time (T90)	Between 10-90 secs (dependant upon gas selected) at a flow rate of 500ml per minute
Outputs	0-2v
Power	24V DC +/- 10%, Max current 3A, Nominal current 600mA (after warm up)

FACT

GFC technology was first discovered in Japan, back in 1981, the same year as Analox began trading....it was a good year.

Why Analox?

The **Venus Solo** is used on-board submarines to detect CO and keep submariners safe.

Spares & Accessories

Part No: 5000-0254-0021
IR Source

You may also like...

The **Venus Pro Analyser**
- for a complete solution,
check it out on p. 28

5S MkIII

A dual beam CO₂ sensor.

The 5S MkIII uses highly stable infrared technology to detect CO₂ levels. This sensor is compact and versatile and ideal for integration into an incubator, gas cabinet or your own measuring system.

Features

- PPM or % measurements available
- 0-2v or 4-20mA outputs
- Die cast aluminium enclosure
- Warms up in 30 seconds
- Compact 115 x 65 x 40mm (excluding protrusions)

Example setup

Part No: A5S3ASN4S

CO₂ sensor with a range of 0-5000ppm and a 4-20mA output.



The 5S MkIII includes an **on board, barometric pressure sensor** compensating for the effect of atmospheric pressure.

Tech-Spec Snippet

Sensor Life	5+ years
Sensor Technology	Infrared
Response Time (T90)	<30 seconds
Outputs	0-2v or 4-20mA
Power	8-36V DC

FACT

The first ever **CO₂ incubator** was released to the market in the 1960's, this is also the time that incubators began being used in **genetic engineering**.

Why Analox?

The **5S MkIII** is the trusted solution for dive control systems for commercial diver safety.

Spares & Accessories

Part No: 8000-0069A
Flow Adaptor

You may also like...

The **CO₂BUDDY**
- personal, portable safety
monitor p. 24

MEC

Mini Electrochemical Cell

A miniature sensor for integration.

The MEC sensor range can be used to measure: O₂, He, CO or VOC's. **It's small, super accurate and long life making it ideal for OEM installs.**

Features

- PPM, % or mbar measurements available
- RS485 digital output
- User replaceable cells
- Compact 65 x 50 x 35mm
- IP65 enclosure

Example setup

Part No: MECCOBBAP

CO sensor with a range of 0-20ppm in N₂,
150mm Lead, Plastic Enclosure.



The MEC has a built in pressure sensor to **compensate for atmospheric pressure swings.**

Tech-Spec Snippet

Sensor Life	He - 5 years O ₂ - 2 years CO - 2 years VOC - 5 years
Sensor Technology	Dependant upon gas selection (Electrochemical, Pellistor or PID)
Temperature Range	23-131 °F / -5 to +55 °C
Outputs	RS485 (Analox Protocol)
Power	5V DC

FACT

In World War II, petrol was rare and reserved for the military so many cars were converted to use **wood gas**. Which is carbon monoxide made by burning wood chips in an insufficient amount of air.

Why Analox?

Whether you require a 25 year service contract, online chat advice or access to a 24/7 emergency support helpline, **Analox have it covered.**

Spares & Accessories

Part No: 9100-2030

Replacement CO cell

Part No: 9100-9212-9HM

Replacement O₂ cell

You may also like...

The **Ax60+ O₂**

- wall mount monitor p. 14

BUNDLES

By using both **wall mount** and **personal safety monitoring** you are increasing the safety measures at your facility and offering maximum protection for your team. It also means you always have a back up system on hand.

OXYGEN

Safety Monitor Bundle



Safe-Ox+

Aspida
O₂



Buy the Safe-Ox+ and Aspida O₂ together & **SAVE 10%**

CARBON DIOXIDE

Safety Monitor Bundle



Ax60+
CO₂

CO₂BUDDY



Buy the Ax60+ and the CO₂BUDDY together & **SAVE 10%**

OXYGEN & CARBON DIOXIDE

Safety Monitor Bundle



Ax60+
O₂ & CO₂

Dual
Aspida

Buy the Ax60+ O₂ and CO₂ and the Dual Aspida together to **SAVE 10%**

SERVICE PACKAGES

CO₂BUDDY



Part Number	Description
7000-0244-0003	Bronze Package Replacement of the battery, clean down of the unit.
7000-0244-0002	Silver Package Replacement of the battery, new outer casing.
7000-0244-0001	Gold Refurbished unit

VENUS PRO



Part Number	Description
DARWIN	Darwin Package Additional 6 month warranty on all parts* Priority emergency service in the event of failure Parts discount of 15% 24 hour Tech Support Helpline Annual 'back to base' service Collection & Redelivery
EINSTEIN	Einstein Package Parts discount of 10% Annual 'back to base' service 24 hour Tech Support Helpline
HAWKINS	Hawkins Package Parts discount of 5% Annual 'back to base' service

*Does not cover product issues due to misuse or customer damage.



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 305-457mm (12-18 inches) above floor level. This is because CO₂ is heavier 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 the Safe-Ox+ affected by atmospheric pressure change?

A. No, the Safe-Ox+ has an integral pressure sensor that allows the device to automatically compensate for local pressure changes.

Q. Can I integrate the Safe-Ox+ with my Building Management System (BMS)?

A. Yes, just order the 4-20mA option.

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 environment. The text 'GET IN TOUCH' is overlaid in the center in a large, white, sans-serif font.

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We have loved designing and making your product and put everything we possibly could into it so you'll love it too - send us a message on LinkedIn, Facebook or Twitter to let us know your feedback.

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