

ANALOX

Aspida

Personal, Portable CO₂ and/or O₂ Safety Monitor

Your lab, your safety, **OUR** priority

What?

The Aspida is a robust, high specification personal monitor which can be worn on a belt or even wall mounted as a back up to a primary CO₂ or O₂ safety system. Offering audio/visual alarms, datalogging and a man down alarm for loan lab workers it is an ideal solution to protect staff from the dangers of a leak of carbon dioxide, enriched oxygen or an inert gas.

The Aspida is available as a stand alone CO₂ or O₂ monitor or as a dual CO₂/O₂ monitor ideal where a combination of CO₂, O₂ and inert gases are used.

Why?

Standards such as EH40 in Europe mandate that employee are not exposed to potentially dangerous levels of CO₂ as it is a highly toxic gas in relatively small quantities. The Aspida is an affordable, easy to operate CO₂ monitor and is ideal for ensuring personal safety in the areas of a laboratory where the gas is piped or stored.

The same standards also require that consideration is given to asphyxiating dangers so where inert gases such as nitrogen, argon or helium are used then a portable, personal monitor may be appropriate following a risk assessment.

Where?

The Aspida is usually worn on the belt of the user but can also be wall mounted as a back up to a primary fixed gas detection system.



*Oxygen sensor lives are affected by variables such as the amount of oxygen they are exposed to and the environmental temperature and humidity.

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Key features

- Available in O₂, CO₂ or dual gases
- Data logging
- Dual battery flexibility
- Man down alarm
- Time weighted average (TWA)
- Vibration & 95DB alarm



Specifications:

Sensor range:

CO₂: 0.01 to 5% O₂: 0.1 to 25%

Accuracy:

CO₂ - + 2% of full scale between 0.01 and 2.5% CO₂*
- + 3% of full scale between 2.5% and 5% CO₂*
O₂ - + 3% of full scale between 0.1 and 25% O₂*

Operating temperature:

-5 to + 50°C

IP rating:

IP65

EMC:

2004/108/EC

Operating time:

12 hours from a fully charged set of batteries or 2AA batteries

Response time:

CO₂: T90 <60 seconds O₂: T90 <30 seconds

Visual alarms:

1 x green - OK
1 x amber - Fault
3 x red - Alarm

Audible alarm:

95 db @ 30 cm

Mandown/Panic alarm:

110db @ 30 cm

Dimensions:

L: 127 x D: 44 x W: 90mm

Weight:

Dual: 355g, Single O₂: 350g,
Single CO₂: 335g

*(at standard temperature & pressure)

Analox has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice. Full technical specifications are available upon request.

ANALOX



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