

Aspida

O₂, CO₂ or Dual Portable Safety Monitor



KEY FEATURES

Multiple variations available
- either as a stand alone CO₂ or O₂ monitor or as a dual CO₂/O₂ monitor

Data logging capability

Man down alarm

Time Weighted Average (TWA) monitoring

Battery flexibility

Intelligent software - 2 users registered to one unit

The Aspida is a robust, high specification personal CO₂/O₂ monitor which can be worn on a belt or even wall mounted as a backup to a primary safety system. Offering audio/visual alarms, data logging and a man down alarm for lone workers, it is an ideal solution to protect staff from the dangers of a leak of carbon dioxide or nitrogen. 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. It has a high resolution display which gives clear readings in all light conditions and is packed into a durable, water resistant enclosure.

Standards such as EH40 in Europe mandate that employees 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 where gas is piped or stored. The same standards also require that consideration is given to asphyxiant dangers where inert gases such as nitrogen, argon or helium are used, a portable, personal monitor, like the Aspida, may be appropriate following a risk assessment.

Users of the Analox Aspida will never need to worry about maintenance schedules again. The Aspida uses intelligent software which lets you know what requires maintenance and when - ensuring optimum performance of your unit. The software also allows 2 employees to share the unit, ideal for 24/7 split shift patterns. It is also the first gas alarm to incorporate a man down/panic alarm. The man down alarm will sound a loud (110 db) audible alarm in the event of an employee collapsing. Alternatively, an employee can trigger the alarm manually in a panic situation.

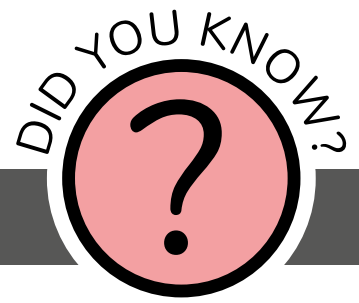
INDUSTRIES



Manufactured
in Great Britain

PROVIDING NICHE CUSTOM
GAS DETECTION SINCE 1981

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There is a multi-user function on the Aspida if you work back-to-back shifts with a colleague, to cut down on the number of units you need.

SPECIFICATIONS

System

Operating temperature: -5 °C to +50 °C

Display: high-visibility, Organic Light Emitting Diode (OLED)

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 2100 mAh AA batteries

Battery discharge time: 15 hours under normal operation (passive atmospheric monitoring, minimal user interaction, no alarms)

Battery lifespan: 2 years

Battery charge time: 4.5 hours (from flat)

Charge power supply rating: 9 V DC - 0.55A

Electronics warranty: 2 years

IP rating: IP65

Dimensions: 127 x 44 x 80 mm (LxDxW)

Weight: Dual 335g, O₂, 350g, CO₂ 335g

CO₂ Sensor

Sensor type: Analox infrared MIR

Range: 0.1% to 5%

Accuracy (at standard temperature and pressure): ±2% of full scale between 0.01% and 2.5%, ±3% of full scale between 2.5% and 5.0%

Response time: T₉₀ <60 seconds

Sensor life span: 5 years

O₂ Sensor

Sensor type: electrochemical

Range: 0.1% to 25%

Accuracy (at standard temperature and pressure): ±3% of full scale between 0.1% and 25%

Response time: T₉₀ <30 seconds

Sensor life span: 2 years (expected)

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 and can be found in the User Manual.

If you require a datasheet in another language please contact us.

www.analoxsensortechnology.com



UK: +44 (0) 1642 711400

US: (714) 891-4478



info@analox.biz

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