Aspida

O2, CO2 or Dual Portable Safety Monitor

CO<sub>2</sub> 02



## **KEY FEATURES**

Multiple variations available - either as a stand alone CO2 or O2 monitor or as a dual CO<sub>2</sub>/O<sub>2</sub> monitor

**Data logging capability** 

Man down alarm

**Time Weighted Average** (TWA) monitoring

**Battery flexibility** 

Intelligent software - 2 users registered to one unit

Offering audio/visual alarms, data logging and a man 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

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 argon or helium are used, a portable, personal monitor, like the Aspida, may be appropriate following a risk assessment.

requires maintenance and when - ensuring optimum performance of your unit. The software also allows 2

## **INDUSTRIES**















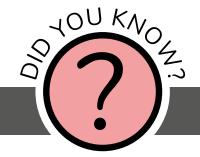






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There is a multi-user function on the Aspida if you work back-to-back shifts with a colleague, to cut down on the number of units you need.

## **SPECIFICATIONS**

#### **System**

Operating temperature: -5°C to +50°C

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)

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

#### CO<sub>2</sub> Sensor

**Sensor type:** Analox infrared MIR

**Range:** 0.01 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

### O<sub>2</sub> 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.









Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.