

# Aspida

Personal, Portable CO<sub>2</sub> Monitor

The Experts in Beverage and Hospitality Gas Safety

## What?

The Aspida is a robust, high specification personal CO<sub>2</sub> monitor which can be worn on a belt or even wall mounted as a back up to a primary CO<sub>2</sub> safety system. Offering audio/visual alarms, datalogging and a man down alarm for loan workers it is an ideal solution to protect staff from the dangers of a leak of carbon dioxide.

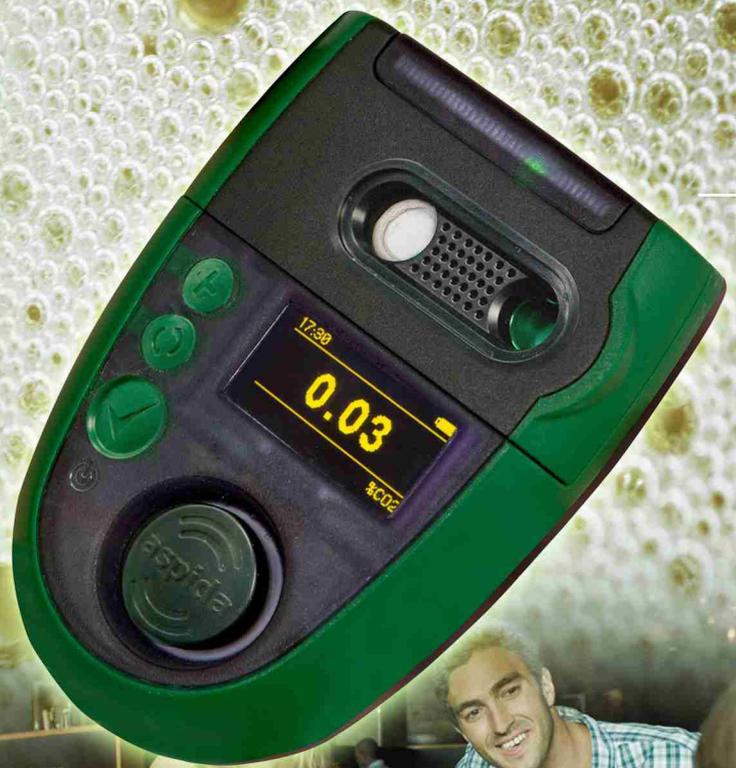
The Aspida is available as a stand alone CO<sub>2</sub> monitor or as a dual CO<sub>2</sub>/O<sub>2</sub> monitor ideal where both CO<sub>2</sub> and nitrogen are used.

## Why?

Standards such as EH40 and TUV in Europe mandate that employees and members of the public are not exposed to potentially dangerous levels of CO<sub>2</sub> as it is a highly toxic gas in relatively small quantities. The Aspida is an affordable, easy to operate CO<sub>2</sub> monitor and is ideal for ensuring safety in areas where the gas is piped or stored such as in a cellar, brewery or fast food restaurant.

## 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 CO<sub>2</sub> detection system. It is most commonly used globally by beverage gas delivery drivers and technicians.

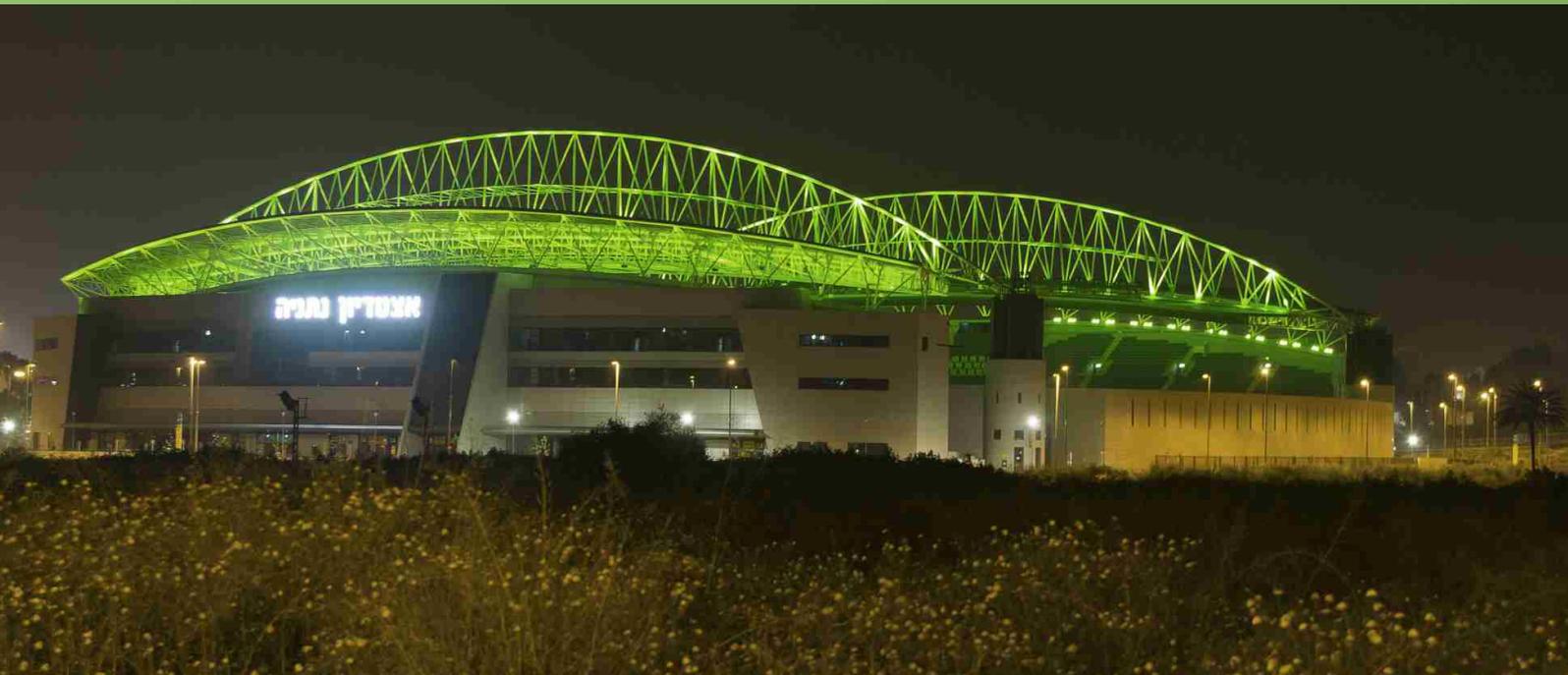


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## The Aspida is commonly found in:-

- Pub cellars
- Fast food restaurants
- Nuclear power plants
- Breweries
- Wineries
- Cider barns
- Cafes
- Night clubs
- Kitchens
- Sports stadiums
- Swimming pools
- Spas & leisure centres



## Specifications:

### Sensor range:

CO<sub>2</sub>: 0.01 to 5% O<sub>2</sub>: 0.1 to 25%

### Accuracy:

CO<sub>2</sub> ± 2% of full scale between 0.01 and 2.5% CO<sub>2</sub>\*  
±3% of full scale between 2.5% and 5% CO<sub>2</sub>\*  
O<sub>2</sub> ± 3% of full scale between 0.1 and 25% O<sub>2</sub>\*

### 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:

CO<sub>2</sub>: T90 <60 seconds O<sub>2</sub>: T90 <30 seconds

### Visual alarms:

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

### Audible alarm:

95 db @ 30cm

### Mandown/Panic alarm:

110db @ 30cm

### Dimensions:

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

### Weight:

Dual: 355g, Single O<sub>2</sub>: 350g,  
Single CO<sub>2</sub>: 335g

Analog 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.



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