ADM ASPIDA by ANALOX

Purposely designed to **meet your needs**

With a **high IP rating**, **easy calibration functions** and **data logging**, the **ADM Aspida,** a hyperbaric chamber monitor, offers an amazingly **affordable price point** for a great specification in the commercial diving industry.

The ADM Aspida is a cost-effective, operator-maintained monitor, developed in response to **IMCA's DO23 - "Diving Equipment Systems Inspection Guidance Note (DESIGN) for surface orientated (air) diving systems"** reference document in 2024. It can be panel-mounted to your chamber panel or in-dive control.

It can also be used to analyse air quality from a portable decompression chamber. There is an option to purchase O_2 only, CO_2 only or dual gas.

Features

- High IP rating (IP65) - dust tight and protected against water projected from a nozzle
- Can be used to analyse air quality from a portable decompression chamber
- Option to add carbon dioxide monitoring to make the ADM Aspida a dual monitor
- Data logging as standard
- Two year electronics warranty
- Optional faceplate to make it panel mounted

Gases Detected

Oxygen (O_2) & Carbon Dioxide (CO_2)

application requirements? Give us a call!

Applications

- As a chamber panel monitor
- In dive-control systems

Your Challenge, **Our Passion**

Speak to our team **today**

UK/Global: +44 (0)1642 711 400
US Office: (714) 891 4478
US Toll Free: (877) 723 3247

ADM ASPIDA

Tech Spec

System Specification	
Operating temperature	0°C to +50°C
Operating pressure	Atmospheric Pressure
Humidity Range	0 to 99% RH
Display	High-visibility, Organic Light Emitting Diode (OLED) display
Alarm horn	95dB @ 30cm
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	12 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, DC jack 5.5x12.0x2.1mm centre +ve
Calibration adapter max flow	0.5 l/min
Electronics warranty	2 years
IP rating	IP65

Sensor Spec

	CO_2 Sensor	O_2 Sensor
Sensor Type	Analox infrared MIR	Electrochemical
Range	0.01 to 50.0 mbar $ppCO_2$ (0.01 to 5% at 1000 mbara)	0.1 to 2000.0 mbar ppO_2 (0.1 to 100% O_2 at 1000 mbara)
Accuracy (at standard temperature and pressure):	±(1% of full scale + 2% of reading)	±1% of full scale
Response time:	T90 <60 seconds	T90 <30 seconds
Sensor life span:	5 years	1 year (expected)

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You can email us info@analoxgroup.com

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