DEFENCE
COMMERCIAL

Analox SDA CO$_2$ Saturation Diving Analyser

The SDA CO$_2$ is a fixed external chamber analyser used to control levels of carbon dioxide. This new product is designed to be more easily configured to meet the users' needs, with interchangeable sensors and software.

The SDA CO$_2$ has been developed following discussion and feedback from the commercial diving industry.

Accurate and reliable readings of diving gasses: The unique CO$_2$ sensor on the SDA compensates for changes in temperature and atmospheric pressure. It also benefits from a variety of sensor technologies and the gas range is available to suit all diving systems. With adjustable audio and visual alarms the SDA also has a full colour LCD display, making it is easy to read from extreme viewing angles.

Minimum user downtime: the SDA is designed to be user serviced and maintained, even the IR sensors can to be replaced in field. Common fixings and connections speed installation and the analyser is easy to use - it is recognizable world wide by 99% of diving technicians. Due to the familiarity of the product it needs no re-training to operate all versions due to a commonality of user functions.

The SDA CO$_2$ is available in either panel or rack mount format and uses the Analox Infra-red sensor for enhanced accuracy.

Specification

Operating Range	0 to 5,000ppm	
	0 to 10,000ppm	
Power Supply	12 to 32vDC Optional mains to DC power supply	
	Optional mains to DC power supply	
Optional Outputs	2 x relays (1 per alarm)	
	1 x 4 - 20mA isolated output	
System Approval	Compliant to Lloyd's Register, DNV, ABS, NORSOK and IMCA type approvals and design processes	
Temperature	Operating -5 to 55°C	
	Storage -10 to +70°C	
Pressure	700 to 1300mBar	
Humidity	0 to 95% RH non-condensing	
Dimensions	Panel Mount Monitor	120 x 133 x 31mm
	Sensor & Flow Panel	120 x 133 x 194mm
	Rack Mount Monitor	106 x 129 x 31mm
	Sensor & Flow Panel	106 x 129 x 194mm
Weight	Panel Mount DC Monitor	665g
	Rack Mount DC Monitor	595g
	Panel CO$_2$ Sensor Unit	2081g
	Rack CO$_2$ Sensor Unit	1393g

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