



World leaders in diving equipment technology

DEFENCE
COMMERCIAL



Analox SDA O₂ Saturation Diving Analyser

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The SDA O₂ is a fixed external chamber analyser used to control levels of oxygen. This new product is designed to be more easily configured to meet the users' needs, with interchangeable sensors and software.

The SDA O₂ has been developed following discussion and feedback from the commercial diving industry.

Accurate and reliable readings of diving gasses: The unique O₂ 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.

Specification

Operating Range	0 to 100% 0 to 3000mBar
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) 4 - 20mA isolated output
System Approval	Compliant to Lloyd's Register, DNV, ABS, NORSOK and IMCA type approvals and design processes for diving systems
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 120 x 133 x 31mm Rack Mount 106 x 129 x 31mm
Weight	Panel Mount DC Monitor 665g Rack Mount DC Monitor 595g O ₂ Sensor Unit 99g O ₂ Sensor Unit (without mounting plate) 161g

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 O₂ is available in either panel or rack mount format and uses the Analox electrochemical sensor to give accurate readings in varying sea states.

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