

Divex SDA O₂ Analyser



Introduction

The SDA O₂ Analyser is a replacement for the G22.

The SDA O₂ is a rack-mountable oxygen monitor for commercial diving applications. It interfaces with an electrochemical O₂ sensor and provides audio-visual alarms, optional data-logging and 4–20 mA relay outputs. Oxygen readings are displayed on a full-colour LCD. Alarm setpoints and calibration functions are configured through the front panel user interface. The monitor is normally located in saturation/dive control to help maintain a comfortable and safe chamber environment.

Specification

General	
Analyser type	Fixed (3U rack)
Power	12 to 32 DC (optional mains to DC power supply)
Display	Full colour LCD
Operating temp	-5°C to +55°C

Specification (cont.)

Storage temp	-10°C to +70°C
Pressure range	700 to 1300 mbar
Humidity	0 to 95%rh at +55°C non-condensing
Dimensions	Monitor - 106 x 129 x 31mm
Weight	Monitor - 595g O ₂ sensor unit - 99g
IP rating	IP22
Sensor Specification	
Gas detected	Oxygen
Mode of operation	Electrochemical
Sensor range	100%
Basic accuracy	±350 ppm O ₂ ±1% of reading
Temp coefficient	±0.40% O ₂ per °C
Recommended flow rate	0.2 to 1.0 litres/minute
Display units	% O ₂
Display resolution	0.01% O ₂
Alarms	1 x high going, 1 x low going (fully adjustable) Visual and audio warnings
Sensor life	2 years in atmospheric air
IP rating	IP65
System Approvals	Compliant to Lloyd's Register, DNV, ABS, NORSOK and IMCA type approvals and design processes



Order Codes

Divex SDA O₂ Analyser
DIVEXO2