

# O2EI Pro

O2



## KEY FEATURES

**Auto switch off to preserve battery life when not being used**

**3-year graded sensor warranty**

**4-5 year expected sensor life in air**

**Small and lightweight**

**Water and drop resistant**

**Designed to be held in the left hand to enable ease of use when checking your tank**

**Large digital display**

The O2EI Pro (the successor of the O2EI) is a portable oxygen analyser, generally considered to be the most reliable nitrox analyser on the market. It is designed to measure the percentage of oxygen for tank oxygen level verification. In order to plan for a safe dive, you need to know the concentration of oxygen within your gas dive mix. Monitoring the oxygen levels within your gas mix will determine your entire dive plan allowing you to plan depth, time and decompression stages.

The O2EI Pro is robust and ergonomically designed to ensure a comfortable grip. It is small, portable and battery operated meaning it can be taken anywhere. It also has automatic switch-off after 10 minutes to ensure battery life is not compromised. Designed specifically for the diving industry, whether it may be sport diving, commercial or military, the unit comes with a 3-year graded sensor warranty and has an expected sensor life of 4-5 years in air. The device is both water and drop resistant.

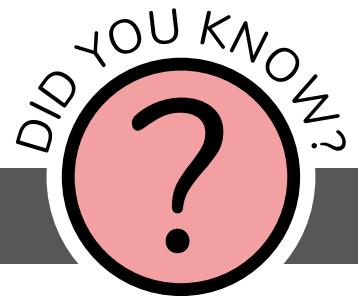
The addition of a spigot that takes the hose of a BCD adapter, now allows the unit to be used while checking air quality at the tank or while the user is connected to their regulator via their BCD's low pressure inflator. (BCD adapter not included).

The portable nitrox checker also comes with an oxygen compensation chart, which enables the unit to be used in all environments around the globe. The user can correct the unit based on temperature and humidity.

## INDUSTRIES



The new addition of the BCD adapter spigot will save you time when checking your gas mix.



Your Challenge, **Our Passion**

Speak to **our team today** UK/Global: +44 (0)1642 711 400  
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## SPECIFICATIONS

Range: 0.1 to 100% O<sub>2</sub>

Accuracy: ± 1% of reading, ± 0.2% of O<sub>2</sub>

Resolution: 0.1% oxygen

Warm up time: < 5 seconds

Response time: 90% in less than 15 seconds

Sensor type: Analox 9100-9220-9B type electrochemical sensor

Sensor life: 4 to 5 years in air, 36 month graded warranty

Battery: 9 V Alkaline (PP3)

Battery life: Approximately 1 year

Operating temperature: -5 to 50 °C / 23 to 122 °F

Storage temperature: -20 to 50 °C / -4 to 122 °F

Pressure: Sensitive to the partial pressure of oxygen

Temperature effect: 0.1% O<sub>2</sub>/°C, 0.055% O<sub>2</sub>/°F

Weight: 225g / 8oz

Dimensions: 130 x 70 x 55 mm (l x w x d), 5 ¼ x 2 ¾ x 2 ¼ inches (l x w x d)

IP rating: IP65 / NEMA 4

ANALOX RECOMMENDS

Take into account the humidity in the atmosphere at the time of calibration.



Analox 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 and can be found in the User Manual. If you require a datasheet in another language please contact us.

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