

DE-OX CHECK



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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DE-OX[®] CHECK is a fully digital analyzer that measures the output of up to three oxygen sensors simultaneously in an aluminum pressure chamber.

The sensor readings can be compared with the calculated value derived from the built-in digital pressure transducer and the test gas mix.

FEATURES:

- Aluminum pressure chamber
- Connections to standard regulator BC hose with quick connector
- Digital pressure gauge
- Error in partial pressure or in milli-volts
- Measurement of sensors response time
- Any kind of sensor adaptors (molex, miniphone jack, coaxial) cell plugs
- Overpressure valve
- Test gas can be air, oxygen or any known mixed gas from 0 to 100% oxygen
- Test pressure can be finely adjusted
- Auto calibration of the sensors in any gas mix
- Heavy duty waterproof explorer case and internal aluminum panel
- Internal lithium ion rechargeable battery
- 110-240V 50-60Hz AC and car lighter chargers included
- Power indicator for external battery or AC adapter
- Easy to operate
- Dimensions: 12 x 10.6 x 5.7 in (305 x 270 x 144 mm)
- Weight: 6.6 lb (3 kg)
- Available with optional yellow OLED display

The test cylinder containing the oxygen sensors can be pressurized up to 145 psi (10 bar) using air, oxygen or any known mixed gas from 0 to 100% oxygen. The pressure inside the test chamber can be finely adjusted for testing the sensors in any situation. The pressure chamber has an over-pressure valve for safety. DE-OX CHECK can be used by rebreather divers to check the error and linearity of their oxygen sensors. It can be connected to personal computers through serial port.

STANDARD EQUIPMENT:





- DE-OX CHECK
- Aluminum pressure chamber
- 3-pin sensor adapter
- 110-230 VAC 50-60 Hz power supply
- Cigarette lighter plug cable power supply (8-24 VDC)

OPTIONAL EQUIPMENT:

- OLED Display (organic light-emitting diode)





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