

DE-OX EASY HELIUM/OXYGEN ANALYZER



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

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DE-OX® EASY is a multigas helium (He) and oxygen (O₂) analyzer integrated into waterproof hard case. DE-OX EASY has been especially designed and manufactured for the analysis of binary and ternary gas mix like Heliox and Trimix.

DE-OX EASY design integrates the helium sensor, oxygen sensor, electronic board, LCD display, and battery into one device.

The DEOX EASY firmware compensates the error in helium analysis due to high oxygen concentration for the best possible accuracy.

The system is based on an innovative helium sensor developed by TEMC® for respiratory use and for monitoring the respiratory parameters in saturation dives.





FEATURES:

- Helium (He) reading into any oxygen-helium-nitrogen mix in the range 0.0–100.0% of volume.
- Oxygen (O₂) reading into any oxygen-helium-nitrogen mix in the range 0.0–100.0% of volume.
- 0.1% resolution.
- Full digital measurement instrument.
- Automatic calibration of oxygen sensor in air or in any known mix.
- Automatic compensation of helium analysis in high oxygen concentration.
- Thermal conductivity helium sensor developed for marine sport environment.
- Standard electrochemical oxygen sensor.
- Helium sensor life up to 10 years.
- Standard oxygen sensor Auto OFF with switching delay setting (removable by user).
- No helium sensor calibration necessary.
- Sensor and analyzer autsetting.

- Battery low indicator. millivolt sensors outputs reading.
- Standard 9-volt transistor battery.
- Simple battery and sensor replacement.
- Robust waterproof hard case.
- Numeric display size: (2×1.4 in) (50×35mm).
- Overall dimensions: 8.9×7.5×3.7 in (22.5×19×9.3cm) maximum.
- Weight: 2.1 lb (950 g)





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