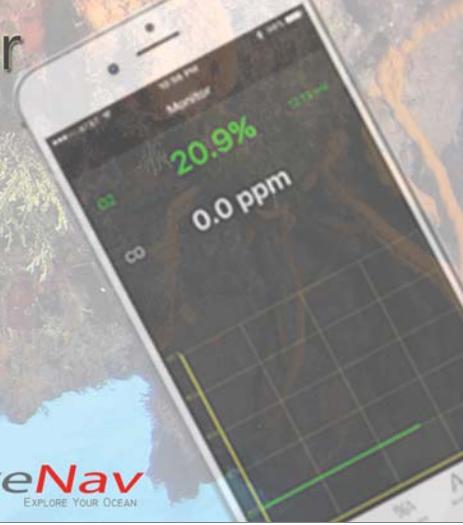


Oxygen and Carbon Monoxide Analyzer



cootwo
breathe safe

DiveNav
EXPLORE YOUR OCEAN



OVERVIEW

cootwo is the world-first dual-gas Oxygen and Carbon Monoxide analyzer specifically designed for SCUBA divers.

In addition to an Oxygen sensor and a Carbon Monoxide sensor, cootwo also includes a temperature sensor and an ambient pressure sensor used to improve accuracy.

Similarly to our existing Nitrox Buddy product, cootwo can be controlled via a smartphone or tablet. The user can program it, calibrate it and perform analyses. Upon completion of an analysis the smartphone creates a log automatically.

cootwo can also be used as a stand-alone device as it includes its own dot-matrix display with backlight. cootwo contains a rechargeable Li-Ion battery and is compatible with our My Nitrox Buddy app, which is available for both iOS and Android devices.

cootwo's innovative architecture and advanced integration allows a diver to analyze both Oxygen and Carbon Monoxide content of a tank without having to use two different analyzers. This translates to substantial cost, time and space savings when compared to two separate Oxygen and Carbon Monoxide analyzers.



cootwo benefits

- Time saving** By analyzing 2 gasses in a single session cootwo saves time
- Space and weight saving** No need to carry around 2 different devices when traveling
- \$\$\$\$ saving** No need to purchase 2 different devices
- Accuracy** Thanks to its integrated pressure and temperature sensors cootwo provides more accurate analysis
- Ease of use** Using a smartphone / tablet makes it easier to calibrate cootwo or to change its settings
- Memory** Thanks to its integrated logbook, cootwo keeps track of all your gas analyses
- Sharing** Easily share your analysis by using a smartphone or tablet

Parameter	cootwo dual-gas	cootwo DELUXE
Measurement Range (O2)	0.3 - 99.9%	0.3 - 99.9%
Measurement Range (CO)	0 - 30 ppm	0 - 30 ppm
Resolution (O2)	0.1%	0.1%
Resolution (CO) (2)	0.1 ppm	0.1 ppm
Linearity (O2) (3)	1%	1%
Linearity (CO)	1%	1%
Accuracy (O2) (4)	Programmable	Programmable
Accuracy (CO) (5)	5%	5%
Operating Temperature	41F to 113F (5C to 45C)	41F to 113F (5C to 45C)
Operating Pressure	800 - 1100 Mbar	800 - 1100 Mbar
Analyzer Warm Up Time (4)	Programmable	Programmable
Sensor Response Time (O2) (6)	30 sec.	30 sec.
Sensor Response Time (CO) (6)	30 sec.	30 sec.
Calibration Gas (O2) (7)	Any	Any
Calibration Gas (CO) (8)	0 and 10, 15 or 20 ppm	0 and 10, 15 or 20 ppm
Sensor O2 (9)	Included	Included
Sensor CO	Included	Included
Sensor Lifetime (O2) (9)	Depends on O2 sensor	Depends on O2 sensor
Sensor Lifetime (CO)	24 months	24 months
Battery Autonomy (10)	3 months	3 months
Measurement System	Imperial / Metric	Imperial / Metric
Activation	push button	push button
Smartphone Interface	Bluetooth 4 Low Energy	Bluetooth 4 Low Energy
Identification (11)	Unique MAC Address	Unique MAC Address
Size	4.3x2.2x1.6" (109x55x40 mm)	4.3x2.2x1.6" (109x55x40 mm)
Weight	3.2 oz (91 g)	3.2 oz (91 g)
MSRP	\$299.99	\$349.99

- 2 When setting CO display in high resolution mode
- 3 When using 2 point calibration with Air and pure Oxygen at constant temperature
- 4 User programmable with the My Nitroxbuddy App
- 5 When using a calibration gas with 2% accuracy
- 6 T90 value: Time it takes the sensor to reach 90% of the value
- 7 To calibrate the Oxygen sensor use any gas with O2 content in the 0.5% to 100% range. For better accuracy we recommend to calibrate cootwo using the 2 point calibration method and using two gasses with O2 content close to gas that needs to be analyzed.
- 8 Calibration of the Carbon Monoxide sensor should be done at least once a year and requires the use of a smartphone and 2 gasses. Please refer to online tutorial for more details.
- 9 cootwo can operate with any of the following sensors: Analytical Industries Inc. PSR-11-39-MD, Maxtec MAX-305 and MAX-305F, Teledyne R-22S or DiveNav Nitroxbuddy O2 sensor. The estimated lifetime in air of the DiveNav Nitroxbuddy O2 sensor is 12 months.
- 10 cootwo uses a rechargeable Li-Ion battery that can be easily recharged by the user via a standard USB port.
- 11 Accessible via smartphone

Available Configurations

- cootwo dual-gas
- cootwo DELUXE: same as the dual-gas plus carrying case and BC Low Pressure Inflator Adapter with integrated Flow Limiter

