

O'Dive

by

AzOth
SYSTEMS



Optimize the way you dive

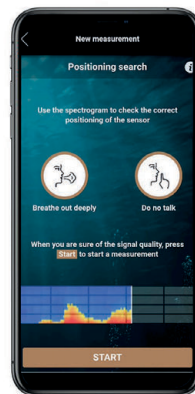
Custom decompression system for open circuit and CCR dives to 125m depth

The O'Dive system is a patented innovation that - for the first time in the world - allows divers to tailor their practice of scuba diving, considering the gas micro-bubbles detected post dive in their venous system and the engagement (risk factor) of their dives.

How does it work?

O'Dive technology comprises an ultrasonic Doppler sensor together with a dedicated application connected to a specialized analysis software on a server in France.

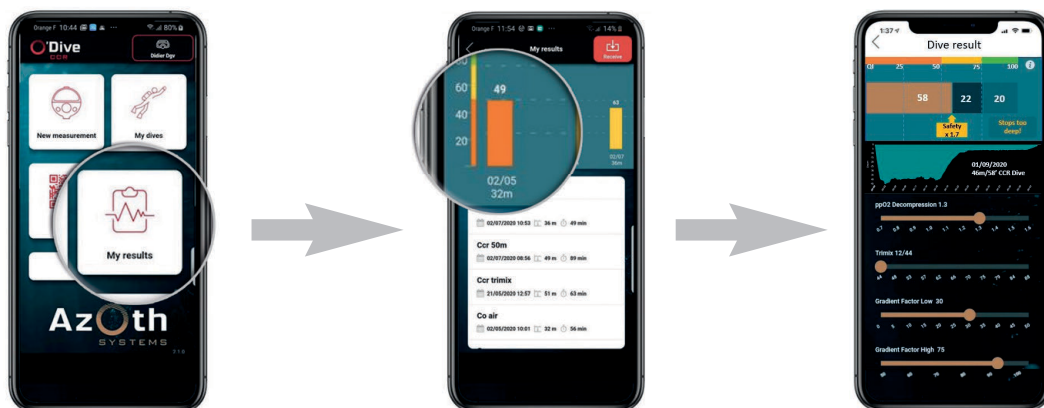
First: the diver places the sensor under their left and then right clavicle to take acoustic readings of the flow of subclavian veins 30 minutes after surfacing.



The O'Dive app helps the diver position the Doppler sensor

Secondly: the diver downloads the dive profile from their computer to the O'Dive app, they can then upload all the data to the Azoth Systems servers for analysis.

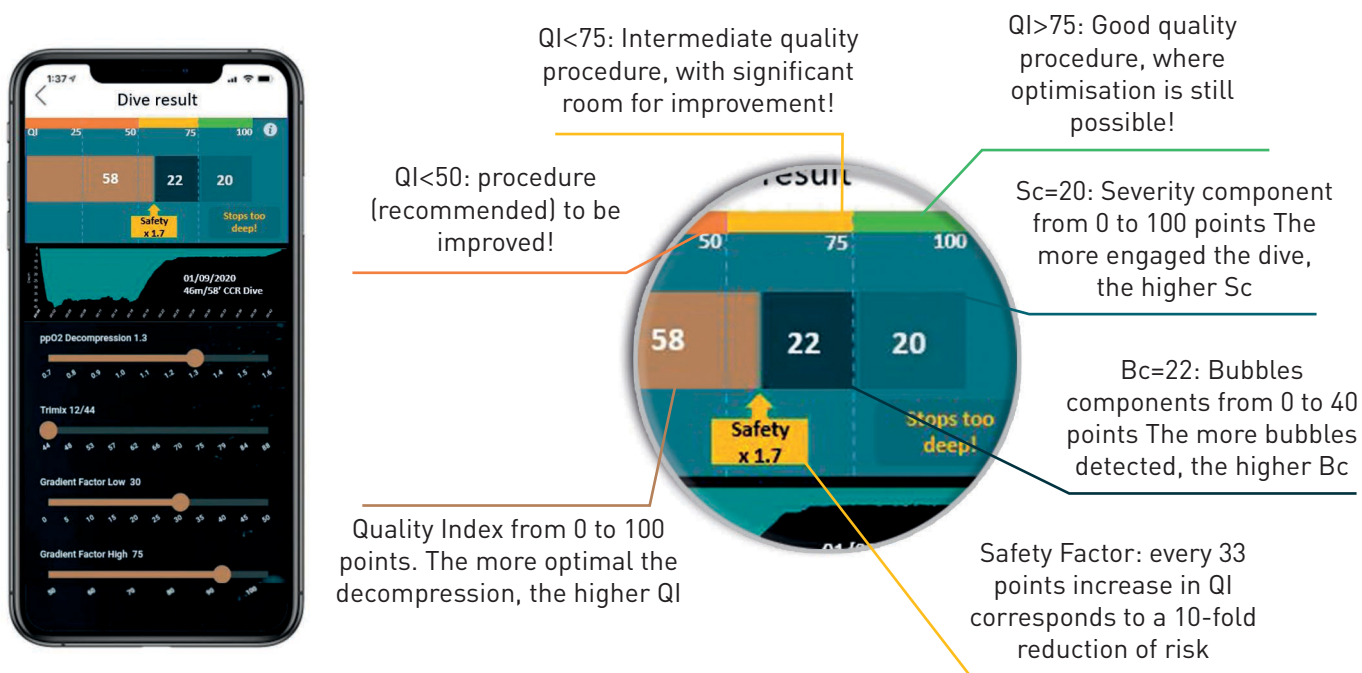
The result: less than 5 minutes after the upload, the diver can visualize a personal **Quality Index (QI)** between 0 and 100 points, that reflects the quality of their decompression.



The bar graph results are in the individual diver's logbook. Each bar corresponds to an analyzed dive.

A detailed result

When the QI (quality index) does not reach 100, the diver can access information specifying the part of this result which is attributable to the severity of the dive itself (dive profile and decompression procedure) and the part attributable to the level of detected vascular micro-bubbles.



A fully customized planification tool for more safety

Once the diver has their QI, they can access a planning tool and see how the dive settings could be adjusted to improve their decompression next time around.

Several levers are available to customize the diving procedure:

- Use of Nitrox with different O₂% levels;
- Optimization of CCR Set point PpO₂;
- Adaptation of the bottom gas (Nitrox, Trimix, Heliox) according to depth;
- Adjustment of the GF Low & High based on the level of micro-bubbles detected, dive's depth and gas used;
- Improvement effect of additional stops.

O'Dive SPORT

Available on the **App Store**

GET IT ON **Google Play**

One App for each practice:

The O'Dive app is divided into 5 versions, offering different functionalities depending on the level of the diver. Upgrading is easy to do. By scanning a QR code card you can unlock any version and get the corresponding functionalities.

Azoth SYSTEMS






O'Dive ADVANCED

O'Dive CCR


O'Dive TECHNICAL

O'Dive DIVING CENTER & INSTRUCTOR

TECHNICAL SPECIFICATIONS OF EACH APPLICATION

System Options						
O'Dive Doppler Sensor		✓	✓	✓	✓	✓
Upgradeable		✓	✓	✓	✓	—
Android/iOS App		✓	✓	✓	✓	✓
Dive import		✓	✓	✓	✓	✓
GF management		✓	✓	✓	✓	✓
DECOMPRESSION PLANNING OPTIONS	OC AIR 40m	✓	✓	✓	✓	✓
	OC NTX 40%O ₂	✓	✓	✓	✓	✓
	OC AIR 60m	—	✓	✓	✓	✓
	OC NTX 100%O ₂	—	✓	✓	✓	✓
	OC TMX 85m	—	—	✓	✓	✓
	CCR AIR 45m	—	—	✓	✓	✓
	CCR TMX 85m	—	—	✓	✓	✓
	OC TMX 125m	—	—	—	✓	✓
	CCR TMX 125m	—	—	—	✓	✓
	HELIOX 125m	—	—	—	✓	✓
Instructor Pro Licence		—	—	—	—	✓
O'Dive Basic Training		—	—	—	—	✓
Unlimited analysis option		—	—	—	—	✓

Please find the full information on our website: o-dive.com



DECOMPRESSION THE O'DIVE SOLUTION GETTING STARTED PARTNERS BLOG CONTACT EN

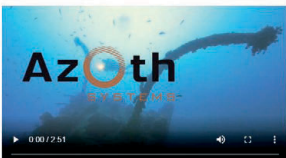

THE FIRST CONNECTED SENSOR FOR PERSONALIZED DIVES


Adjust your diving procedures to your person

DISCOVER O'DIVE

Azoth Systems has developed an innovation that – for the first time in the world – allows scuba divers to personalise their diving practice by taking into consideration the gas microbubbles detected in their venous system after diving.

[Discover customized decompression](#)



AZOTH SYSTEMS, SAS with a capital of € 292183
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