

OCEANIC®

Veo 100Nx



OVERVIEW

Full-Featured Air or Nitrox Personal Dive Computer in a compact package. The Oceanic VEO 100 Nx coordinates carefully arranged information with our trademark ease-of-use, oversized digits, bar graphs, and intuitive icons. Loaded with features but still very user friendly with a single operating button.

KEY FEATURES

- Air or Nitrox to 50% FO₂
- Easy to learn and use
- Customize the information displayed during a dive with a press of a button
- "Hockey Puck" module is the same size as most depth gauges for a variety of mounting options and inexpensive console upgrades
- Variable Ascent Rate Indicator™
- Water or Manual Activation
- Diver-Replaceable Battery with Hot Swap™ memory allows battery change between dives
- Automatic Safety Stop prompt
- 12 dive on-unit Log Book



MAIN NO-DECO
DIVE MODE



MAIN NO-DECO
ALTERNATE 1



MAIN NO-DECO
ALTERNATE 2



MAIN NO-DECO
ALTERNATE 3



MAIN NO-DECO
SAFETY STOP

DETAILS

Choose Your Dive Mode Display

The Veo 100 Nx is as versatile underwater as it is topside. Upon starting your dive, the Veo 100 NX will simply display your current depth and how long you can stay there (Dive Time Remaining). While many divers have asked for such simplicity and ease of use, you know that with all the Veo 100 Nx's features, there must be more. And there is. Simply press the button to see more information. Is this information important to you on a full time basis? Leave it there. Just want to check it and then move on to another display? You can do that too. It's up to you and your new Veo 100 Nx.

Dive Time Remaining

Dive Time Remaining provides a 'real' number in minutes. This calculation considers both Nitrogen and Oxygen absorption, displaying whichever allows less time.

TIME



Oversized Digits

Take the Oceanic challenge: When shopping for a new dive computer, compare the displays. When it comes to viewing critical information, which would you rather see at 100 feet?

Water or Manual Activation

Is it a good idea to check your computer before entering the water? You bet. Could you forget to activate your computer? Sure. The Veo 100 Nx features push-button or automatic activation, triggered by water contact. A benefit of push-button activation is easily verifying operation, but in case you forget, or simply choose not to activate your computer, it can be as simple as jumping in the water.

"Hockey Puck" Modular Design

Allows easy upgrade from most analog gauge or computer consoles. This innovative modular design allows versatile configurations from our Swiv Combo or NavCon consoles, wrist mount, hose-mount boot, or a retractor attached to your BC.

Air or Nitrox



The Veo 100 Nx acts simply as an 'Air' computer until you tell it otherwise, whether that is this weekend or 2 years down the road. As your training and experience grow, the Veo 100 Nx is designed to grow with you, being easily programmed for Nitrox mixtures from 21% to 50%.

Oceanic Personal Dive Computer Algorithm

Decompression theory can be trusted only as far as it has been demonstrated by actual test dive data. In 1987 Diving Science and Technology (DSAT) conducted a unique series of experiments. Commissioned by the Professional Association of Diving Instructors (PADI), these Doppler ultrasound monitored human experiments conducted by Dr. Michael Powell produced the most comprehensive data set that exists for recreational divers to this day. These data were used to validate the PADI Recreational Dive Planner and are the basis of the algorithm used in all Oceanic Personal Dive Computers (PDCs).

"The Ultimate Adjustable Algorithm"



That's the way divers, instructors and Authorized Dealers refer to Oceanic PDCs. Our tissue loading bar graphs provide complete control of your margin of safety for each dive. Want to be a bit more cautious? Make it a personal rule to never enter into the caution zone; or stay one or more pixel away.

Automatic Safety Stop Prompt



A visual alarm reminds you as you approach your programmed no decompression safety stop depth and an automatic timer counts down to zero. As in any other dive mode, you still have access to other pieces of information, and there is no penalty should you choose to disregard the safety stop.

Variable Ascent Rate Indicator™

Some computers simply flash an icon, telling you that you're ascending too quickly. The Veo 100 Nx's Variable Ascent Rate Indicator bar graph acts as a speedometer, allowing you to very precisely control your ascent rate via bar graph.

Time of Day

The Veo 100 Nx features time of day on the surface as well as underwater for quick reference. Time stamp also helps you to easily identify specific dives in Log Mode.



Automatic Altitude Compensation

The Veo 100 Nx automatically compensates for altitude dives up to 14,000 feet, giving adjusted no-decompression times and depths. The Veo 100 Nx automatically recalibrates the depth displays for freshwater above 2,000 feet.



Diver-Replaceable Batteries with “Hot Swap”

The Veo 100 Nx features diver replaceable batteries. This can be a real trip-saver on board a live-aboard boat! Should you be in a tight spot between dives, the "hot-swap" feature allows you to change batteries between dives while maintaining all calculations.

24-Hour Fly Countdown *and* Calculated Desaturation Time

The Veo 100 Nx features both a 24-hour countdown timer and calculated Desaturation Time, the theoretical time required to off-gas all residual nitrogen at sea level.



12 Dive On-Unit Log Book

The Veo 100 Nx features on-unit data storage capacity for 12 dives. Dive numbering and time stamp makes locating and viewing a specific dive quick and easy.

Depth-Dependent Ascent Rate

The Veo 100 Nx features a depth-dependant ascent rate, allowing increased rates at deeper depths and providing additional safety as you near the surface.

SURFACE MODE DEMO

The Veo 100 Nx features (1) operating button.

ACTIVATION / PRE-DIVE PLANNING SEQUENCE

1. Depress and release the button to activate. The unit will perform a diagnostic countdown and enter MAIN SURFACE MODE with dive number, temperature, time of day, and surface timer.
2. The Veo 100 Nx will begin scrolling through the Pre-Dive Planning Sequence or PDPS. Maximum no decompression times are displayed for depths from 30 feet to 190 feet. The unit will return to MAIN SURFACE MODE momentarily before beginning the PDPS scroll once again. During PDPS scroll, depress and release the operating button to return to MAIN SURFACE MODE

VIEW DATA

1. From MAIN SURFACE MODE, press and release the button to cycle through TEMP/TIME, LOG BOOK (if any, and FLY/DESAT TIME (if any).

USER SETTINGS and OPTIONS

From MAIN SURFACE MODE or PDPS:

Press and hold the button to access SET MODE. Release the button when FO2 with set point flashing appears.

With one operating button, settings are modified by pressing and releasing the button. To accept a setting and/or advance to the next, press and hold the button for 2 seconds.

SET MODE MENU STRUCTURE

1. SET FO2 (AIR – 50%)
2. SET Water Activation (ON/OFF)
3. SET Units of Measure (Imperial/Metric)
4. SET Hour Format (12/24)
5. SET Hour
6. SET Minutes
7. SET PO2 (1.2 – 1.6)
8. SET FO2 50% Default (ON/OFF)
9. RETURN to MAIN SURFACE MODE

CONFIGURATIONS AND ACCESSORIES

PART NO.	DESCRIPTION	NOTES	MSRP
04.2922.36	VEO 100 Nx NAVCON	3-GAUGE CONSOLE – INCLUDES COMPASS, LENS PROTECTOR, BATTERY, BATTERY HATCH TOOL, OPERATING MANUAL, AND WATERPROOF CUE CARD	
04.2912.36	VEO 100 Nx COMBO	2-GAUGE CONSOLE – INCLUDES LENS PROTECTOR, BATTERY, BATTERY HATCH TOOL, OPERATING MANUAL, AND WATERPROOF CUE CARD	
04.2905.36	VEO 100 Nx WRIST	INCLUDES LENS PROTECTOR, BATTERY, BATTERY HATCH TOOL, OPERATING MANUAL, AND WATERPROOF CUE CARD	
04.2900.36	VEO 100 Nx MODULE	INCLUDES LENS PROTECTOR, BATTERY, BATTERY HATCH TOOL, OPERATING MANUAL, AND WATERPROOF CUE CARD	
04.8240	LENS PROTECTOR (plastic)	REPLACEMENT PLASTIC LENS PROTECTOR	
04.8240.1	LENS PROTECTOR (film)	MYLAR FILM LENS PROTECTOR	
04.6175.40	BATTERY KIT	REPLACEMENT BATTERY KIT INCLUDES BATTERY, O-RING AND SILICONE GREASE	