

Instruments

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MAXIMIZE DIVE TIME. Today's electronic personal assistants are always ready to supply the important information you need underwater. This selection ranges from the most high-tech computer brain displaying an array of useful data to a classic dive watch that not only tracks bottom time but lets everyone know you're a diver.

ATOMIC AQUATICS COBALT

>> There's more to brightly colored computer displays than sex appeal. The strength of the Cobalt is its combination of brilliant OLED color and the smart layout that makes critical dive data recognizable at a glance. Also high on our list of likes is the Cobalt's capabilities:

three-gas nitrox capacity for deco diving, air integration and a 3-D digital compass that works when held at any angle. An intuitive, four-button interface makes it all easy to navigate. **MSRP \$1,200**

CONTACT atomicaquatics.com

▶ VIDEO PRODUCT REVIEW
@ SPORTDIVER.COM/60SSL

WITH A FULL LOAD OF HIGH-END FEATURES AND A BRIGHT OLED DISPLAY, THE COBALT IS OUTSTANDING OVERALL.





UEMIS ZURICH

>> Unique to this multi-gas nitrox computer is its versatility and visibility. A brightly colored display uses multiple hues for instant data recognition, and a wide array of user-defined settings includes up to three nitrox mixes, all air integrated. **MSRP \$1,680**
CONTACT uemis.com

▶ VIDEO PRODUCT REVIEW
@ SPORTDIVER.COM/60SSL



DIVE RITE NITEK Q

>> This two-gas nitrox computer can be upgraded to incorporate a compass, trimix and rebreather capabilities, which means it can keep pace with your growing skills. Plus, its vivid OLED display, rugged MIL-SPEC hard-anodized housing and 492-foot depth rating make this Q highly functional. **MSRP \$599**
CONTACT diverite.com



SUBGEAR XP-10

>> Worn on the wrist or used as part of a new three-gauge console, the XP-10 covers all the basics, such as nitrox compatibility between 21 percent and 50 percent, a safety-stop timer, backlighting and PC software. **MSRP \$295 (wrist)**
CONTACT subgear.com

▶ VIDEO PRODUCT REVIEW
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Computers >



OCEANIC VT 4.0

>> The ability to track up to four wireless transmitters at once means you can keep tabs on multiple nitrox mixes of your own and keep an eye on your buddy's tank pressure. Oceanic's dual algorithm feature also gives divers their choice of dive-time calculation methods. **MSRP** \$1,149.95
CONTACT oceanicworldwide.com



CRESSI LEONARDO

>> The Leonardo keeps things elegantly simple for divers looking for a single-gas nitrox computer. A well-designed display is effortless to read, and is complemented by user-friendly functions such as an adjustable conservatism factor, PO settings and bright backlighting. **MSRP** N/A
CONTACT cressi.com



MARES ICON HD

>> The ICON HD is as easy to read as it is to program, thanks to the LCD display that produces a spectrum of colors and has an intuitive menu system. It's also nitrox compatible, and users can store images — including site maps — for reference during the dive. An optional air-integrating tank transmitter will be available soon. **MSRP** \$1,200
CONTACT mares.com



WHAT YOU NEED TO KNOW: DIVE COMPUTERS

Dive computers have been available to the public for almost 30 years.

They don't actually read tables such as the RDP but use preprogrammed mathematical formulas — algorithms — to continuously evaluate decompression needs based on time and depth information.

Independent computers are worn on the wrist or attached in an instrument console, often with an analog compass or pressure gauge.

Integrated computers combine with the standard pressure gauge to give a continuous reading of cylinder air pressure and can estimate how much air remains, based on your depth and breathing rate.

Many of the newer dive computers — both integrated and nonintegrated models — are wristwatch size and double as dive watches. Several even include an electronic compass.

Hoseless air-integrated computers read air pressure from a battery-powered transmitter in the high-pressure port of the first stage.

Tired of logging your dives by hand? Many computers interface with your PC, so you can download your dive data and store it electronically.

Get the Perfect Fit: Dive Computers

Algorithms differ in terms of “conservative” and “liberal” decompression models. Your instructor is a great source of information as to which you should consider before buying.

Wrist-mounted computers are more compact and convenient but also are most costly when air integrated. Console-mounted computers typically offer better value for air integration.

If you're planning to advance your tec-diving skills, consider a computer that can be preset for two or more different types of nitrox or even trimix, allowing it to grow with your skills.

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Watches >



1. ROLEX OYSTER PERPETUAL SUBMARINER DATE

>> A time-lapse Cerachrom bezel, stainless-steel 40 mm case and 31-jewel chronometer movement are pure Rolex. The Oyster bracelet features a Glidelock clasp, and with a 1,000-foot rating, it will go deeper than you can. **MSRP \$7,375**
CONTACT rolex.com

THE MOST FUNDAMENTAL OF A DIVER'S INSTRUMENTS, A GOOD DIVE WATCH TELLS THE WORLD WHAT YOU'RE ABOUT.

2. CITIZEN ECO-DRIVE PROMASTER CARBON

» This well-appointed diver's watch sports a carbon-fiber rotating bezel, a depth display that reads to 125 feet and a maximum-depth memory function. Water resistant to 666 feet, it never needs a battery thanks to Citizen's smart Eco-Drive technology. **MSRP \$695 CONTACT** citizenwatch.com

3. REACTOR POSEIDON LE

» Dual rotating bezels for tracking dive and safety-stop times — plus a 1,000-meter depth rating — rank the Poseidon as a serious timepiece. The Limited Edition also features a self-charging auto-quartz movement and the Never Dark dial illumination. **MSRP \$900 CONTACT** reactorwatch.com

4. LUMINOX DEEP DIVE

» Featuring a Bezel Locking System that won't move if bumped to ensure accurate readings, the new Deep Dive includes Luminox's signature gas-tube technology for a brilliant display in any light and is rated to 500 meters, thanks to a helium-release valve. **MSRP \$1,750 CONTACT** luminox.com

5. ORIS GREAT BARRIER REEF LE

» Dark-orange Superluminova accents offer excellent contrast against a blue dial of this 1,000-meter-rated limited-edition piece, which also includes a unidirectional rotating bezel, screw-down crown and helium-release valve. Sales support the Australian Marine Conservation Agency. **MSRP \$2,295 CONTACT** oris.ch

6. BALL ENGINEER MASTER II DIVER WORLDTIME

» Crafted in support of free diver and conservationist Guillaume Nery, this 300-meter timepiece is built on a stainless case, and includes an inner illuminated rotating bezel and unique world-time display. Fifty-five micro gas tubes provide serious illumination for visibility in nearly any environment. **MSRP \$2,499 CONTACT** ballwatch.com



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4-STAGE

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