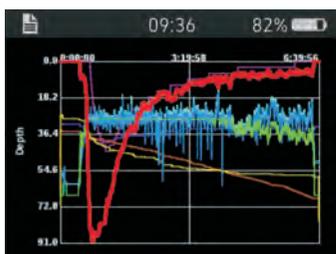




Dive mode



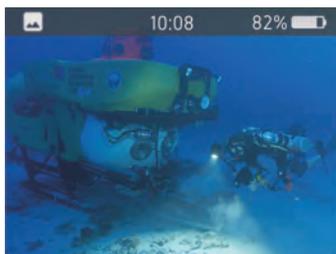
Time information and barometer



Dive log graphics



GPS with maps and compass



Photos



Dive mode, midpoint area choices

TECHNICAL SPECIFICATION

M28

Operating temperature	-20 to +50°C / -4 to 122°F
Operating depth	Maximum 200 meter (656 ft)
Certification	EN 14143, EN13319, EN61000 (emission & immunity), FCC 47 CFR
Display	2.8" TFT color display QVGA
Navigation and input	2 button interface
Battery internal	Rechargeable battery with state-of-charge chip.
Sensors	GPS Pressure sensor Temperature sensor 3D digital compass with tilt compensation 3D for pitch and roll information
Wireless	Wi-Fi Bluetooth IrDA
CAN connector	Poseidon Rebreather SE7EN Poseidon POD systems Connect to SE7EN and replace the original display, or use dual displays
Dive log	Dive log for more than 100,000 dives
Tactile alarm	Vibrator

CPOD

Sensor interface	Dual sensor interface, Solid State and Galvanic
CAN bus interface	Dual CAN bus interface to SE7EN and M28
Connection	Connect to any breathing loop on the market

SOLID STATE SENSOR

Calibration	Factory calibrated absolute sensor
Life	Duration of the sensor
Interface	Digital sensor



POSEIDON M28 & SOLID STATE SENSOR



M28 COMPUTER

Recalibrate your expectations of dive computer performance.

Rethink what's possible with maps, graphics, GPS, Dive-by-Wire™ and a host of features that deliver class-leading functionality that's incredibly intuitive to use.



- High performance OC and CCR dive computer
- Maps and feature-rich graphics thanks to a 2.8" TFT QVGA LCD Color Display
- Real-time GPS surface positioning
- Highly intuitive 2 button interface
- Enhanced SE7EN / MKVI functionality with the M28's Rebreather Management System
- Dive-by-Wire™ integration with Poseidon Pod System's, HUD and Poseidon Mouthpiece
- Dual deco algorithms, DCAP and Bühlmann ZHL16C with gradient factors
- Depth rated to 200m / 656ft
- Multi interface; WIFI, Bluetooth and IrDA
- Upgradable Software

PRODUCT DESCRIPTION

CPOD

Now you can use Poseidon's patented rebreather safety technology on any rebreather.



Add Poseidon's state-of-the-art, patented rebreather technology to any rebreather using Poseidon's CAN system introduced 2013. Simply connect the Poseidon M28 computer, the CPOD with O2 sensor along with the HUD and Poseidon's best in class mouthpiece onto your existing rebreather system and you'll have Poseidon safety technology monitoring every dive.

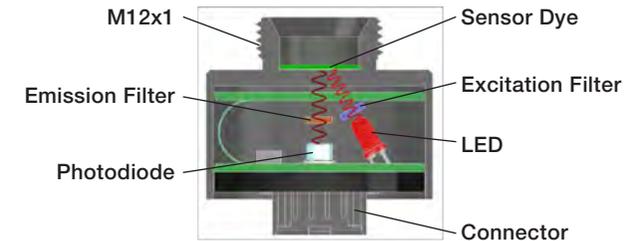
- O2 sensor housing
- CAN Bus interface to Poseidon SE7EN, M28, Solid State Sensor or other CAN Bus Poseidon products

SOLID STATE SENSOR

Failsafe diving with Poseidon's new oxygen solid state sensor

Poseidon's new state of the art oxygen solid state sensor is factory-calibrated and absolute, delivering unsurpassed operating life, shelf life and calibration stability. The sensor is similarly shaped to existing galvanic sensors for ease of replacement.

Poseidon's solution is an oxygen sensor that's based on unique luminescent dyes, which are excited with red light and show an oxygen-dependent luminescence in the range of near infrared light (NIR). This technology impresses by its high precision, high reliability, low power consumption, low cross sensitivity, and fast response times.



Features

- Absolute oxygen measurement
- Factory calibrated, no need for user calibration
- Fast and accurate
- Low power consumption
- Can be used with the M28 and CPOD system

Safety features

- Electronics hermetically sealed from the sensing environment by a transparent window
- Designed for highest mechanical reliability
- EMC tested - ESD protected interface
- External „DuraClik“ Molex connector designed for highest reliability
- Digital communication interface
- Unique electronic ID numbers for sensor traceability