When purchasing your POSEIDON SE7EN you will have the opportunity to specify the performance of your unit from the very start!

You can either choose to purchase a Recreational POSEIDON SE7EN or a Technical POSEIDON SE7EN with different levels of performance. Remember that you can always choose to disable the technical function in your Poseidon Smart Battery and dive it as a normal recreational rebreather. Also, you can always upgrade your recreational rebreather to technical later, if you wish. Literally, there are no limits with the POSEIDON SE7EN.

Poseidon recommends the following specifications when going for either the recreational or technical version of the POSEIDON SE7EN.

**1. RECREATIONAL POSEIDON SE7EN**
2. REC 40 Battery
3. Aluminum or Steel tanks depending on cold or warm water diving
4. Rebreather BCD or Recreational Counter Lungs
5. Tank Band Standard, Tank Strap & Buckle or Cylinder QMR
6. QMR or 11 Inch Adaptor
7. Octopus or Bail-out kit, depending if you want to dive to 18 meters / 59 feet or 30 meters / 98 feet
8. Rebreather Wing & Harness or One Wing & Harness

**1. TECHNICAL POSEIDON SE7EN**
2. DECO 40, TRIMIX 48, TRIMIX 60 OR DEEP (appropriate training is needed prior to purchase)
3. Aluminum or Steel tanks depending on cold or warm water diving.
4. DECO 40 & TRIMIX 48 – Rebreather BCD or Recreational Counter Lungs. TRIMIX 48, TRIMIX 60 or DEEP – Tech Counter Lungs
5. Tank Band Standard, Tank Strap & Buckle or Cylinder QMR
6. QMR or 11 Inch Adaptor
7. Bail-out kit
8. Rebreather Wing & Harness or One Wing & Harness

Remember to have a gauntlet, pre-packed scrubber, spare parts, oxygen sensors, multitool and disinfectant with you on every dive.
POSEIDON SE7EN
THE NEXT GENERATION REBREATHER

1

PICK YOUR PERFORMANCE
REC 40  DECO 40  TRIMIX 48  TECH 60  DEEP

2

3

ALUMINIUM CYLINDERS & VALVES
Art.no: 0405 - 000, 001, 002

4

REBREATHER BCD
Art.no: 0337 - XXX

OR

RECREATIONAL COUNTER LUNGS
Art.no: 6011 - 049

OR

STEEL CYLINDERS & VALVES

OR

TECH COUNTER LUNGS
Art.no: 6011 - 035

5

TANK BAND STANDARD
Art.no: 0000 - 116 x 4

OR

TANK STRAP & BUCKLE
Art.no: 0415 - 001, (Pair, L & R)

OR

CYLINDER QMR
Art.no: 0415 - 002

HIGHLY RECOMMENDED EXTRAS
POSEIDON SE7EN
THE NEXT GENERATION REBREATHER

HIGHLY RECOMMENDED EXTRAS

6
QMR
Art.no: 0005 - 100

7
JETSTREAM OCTOPUS
Art.no: 0100 - 006

8
REBREATHER WING, BACKPLATE
Art.no: 0336 - 164, 0338 - 060

OR

11 INCH ADAPTER
Art.no: 0000 - 468

OR

BAIL-OUT KIT
Art.no: 0650 - XXX, 0100 - XXX

OR

ONE WING, ONE HARNESS
Art.no: 0336 - XXX, 0335 - XXX

RECOMMENDED OPTIONAL EXTRAS
RECOMMENDED OPTIONAL EXTRAS

**SOFNODIVE 797 SCRUBBER**
Art.no: 6011-013

**REBREATHER DISPLAY GAUNTLET**
Art.no: 6005-001, 002

**O2 SENSOR (MOLEX)**
Art.no: 6010-206

**GIGASEPT**
Art.no: 0050-003

**TRIM WEIGHT POCKET**
Art.no: 0350-010

**POSEIDON SE7EN BREATHING LOOP SHORTER & LONGER HOSES**
Art.no: 0132-003, 004, 005

**MULTITOOL**
Art.no: 0655-003

**MIFLEX POLYURETHANE 90 CM**
Art.no: 0130-004

**POSEIDON THIRD CELL HOLDER**
Art.no: 6011-052

**POSEIDON WE amb 2.0**
Art.no: order on iTunes

Art.no: 6010-206
In a world full of compromise, we escape by visiting the one place that doesn’t: the ocean. Yet when we get there, we are forced to compromise. Not any more…

The system comprises a breathing loop (mouthpiece, hoses, counter lungs and backpack) with associated electronics module, and two independent gas cylinders. One contains 100% compressed oxygen which is added to the breathing loop as the diver consumes it. The second cylinder typically contains compressed air “diluent” to compensate for compression in the breathing loop as the diver goes deeper. It’s also a backup system, containing enough oxygen for the diver to breathe directly in an emergency.

POSEIDON SE7EN has 6 big advantages over traditional open circuit equipment:

> Get closer to marine life
> Much more time underwater
> Patented safety technology
> Plug and play
> Expandable system
> Proven Performance

Developed from the world’s first recreational rebreather, the legendary Poseidon MKVI, the POSEIDON SE7EN gives you:

7 NEXT GENERATION BENEFITS:

> G7 Inside
> Bluetooth Connectivity
> Dive Management System
> Recreational or 100M Technical Rebreather
> Enhanced Service & Support
> Upgraded Mouthpiece
> Cover

The POSEIDON SE7EN is The Next Generation Rebreather.

ART. NO:
7 (without battery)
6012 - 010, POSEIDON SE7EN EU version
incl. Cylinder Set, cover, handle and battery charger
6012 - 011, POSEIDON SE7EN US version
excl. Cylinder Set, incl. cover, handle and battery charger

BUYER’S GUIDE:

- EMEA units will have a M26 threading on their oxygen first stage.
- EMEA rebreathers needs to be sold with cylinders according to EU law.
BATTERY OPTIONS

A simple battery change will allow you to upgrade your POSEIDON SE7EN to go even deeper. Having the option to upgrade your POSEIDON SE7EN to perform decompression stops by a simple exchange of batteries makes the SE7EN the ideal machine for you to grow from a recreational rebreather diver to a technical rebreather diver. There is no longer a need to do big leaps in your experience with your rebreather that could make you uncomfortable.

The battery is your personal battery as it saves your dive logs and the remaining nitrogen in your tissue. It also contains a buddy light as well as a speaker for all warnings.

Maximum depth: 40 meters/ 131 feet.
This is a pure recreational battery which will allow you to dive with air in your diluent cylinder.
No decompression is allowed in this model.
It will allow you to have a dive time of 3 hours on one single dive with a maximum depth of 40 meters / 131 feet.
ART. NO: 6011 - 005

Maximum depth: 40 meters/ 131 feet.
You can simply switch the decompression function on and off in your PC.
This makes it easy to switch back and forth between recreational and technical diving.
ART. NO: 6011 - 027

Maximum depth: 48 meters/ 157 feet
You can simply switch the decompression and trimix function on and off in your PC.
This makes it easy to switch back and forth between recreational and technical diving.
Set your trimix blend in the PC config program. You can set the oxygen content down to 16%.
ART. NO: 6011 - 028

Maximum depth: 60 meters / 196 feet
You can simply switch the decompression and trimix function on and off in your PC.
This makes it easy to switch back and forth between recreational and technical diving.
Set your trimix blend in the PC config program. You can set the oxygen content down to 16%.
ART. NO: 6011 - 029

Maximum depth: 100 meters / 328 feet
You can simply switch the decompression and trimix function on and off in your PC.
This makes it easy to switch back and forth between recreational and technical diving.
Set your trimix blend in the PC config program. You can set the oxygen content down to 1%.
ART. NO: 6011 - 036

MATERIAL: Water sealed battery pack in robust plastic.
TECHNICAL FEATURES: The battery will upgrade your unit to the specific depth limit. The deeper version will also let you specify the trimix used through the PC config program.

BUYER’S GUIDE:
• You will need to use Poseidon Technical Counter Lungs with Manual Addition with this battery.
The light weight 3.0 L aluminum cylinders, keeps your POSEIDON SE7EN light.

With aluminum cylinders your POSEIDON SE7EN will become even easier to handle and travel with. The U.S. cylinders come in a black color and the rest of the world has a silver color.

Cylinders come equipped with tank valves.

**EMEA CYLINDER SPECIFICATIONS:**

- Cylinder capacity: 3.0 L
- Diameter: 117 mm / 4.61 Inch
- Length: 440 mm / 17.32 Inch
- Weight: 3.60 kg / 7.9 lb (US)
- Working Pressure Diluent: 200 Bar / 2,900 PSI
- Working Pressure Oxygen: 135 Bar / 2,000 PSI
- Test Pressure: 312 Bar / 4,525 PSI
- Thread Specification: 97/23/EC

**ART. NO:**

- 0405 - 000, 3L Aluminium Cylinder Set - EU
- 0405 - 001, 3L Aluminium Cylinder Set - AUS
- 0405 - 002, 3L Aluminium Cylinder Set - A/P

If you already have diluent- and oxygen cylinders to attach to your POSEIDON SE7EN then you can purchase your unit without these. This option is not possible in EU as law prohibits it.

**BUYER’S GUIDE:**

- EMEA - Can’t sell the unit without cylinders according to EU law. Silver aluminum cylinders are included in article number 6012 - 010
- Americas - Black aluminum cylinders, black steel cylinders or No Cylinders
- Asia Pacific - Silver aluminum cylinders or No Cylinders
The rebreather BCD is the first of its kind and features include integrated exchangeable lungs, weight quick release system and the Poseidon individual patch system.

The Rebreather BCD and the Poseidon Rebreather Wing & Harness have been design to sustain a good buoyancy and fit with your POSEIDON SE7EN. Therefore they are the preferable choice of buoyancy device to your POSEIDON SE7EN.

Are you new to rebreather diving or just prefer an BCD over a wing? Then the Rebreather BCD is the perfect buoyancy compensation device for your Poseidon MKVI experience. A durable and high performance BCD with integrated lungs, which will make you feel even more connected to your machine and the breathing loop. The four D-rings will make it easy to attach the bailout tank or anything else you would like to take along. The integrated exchangeable lungs can easily be taken out and cleaned and attached again. With the individual patch system you will have the possibility to personalize your Rebreather BCD.

**COLOR:** Blue, Red, Black, Grey

**SIZES:** XS, S, M, L, XL

**MATERIAL:** Premium black version in Nylon 1680. 3 color versions in red, blue and grey made in Cor-dura 1000. YKK Waterproof Zipper. Inflator with stainless steel mechanism.

**ART. NO:** 0337 - XXX

The Poseidon wing and harness system has been made specifically to fit the POSEIDON SE7EN.

However, if you choose a different wing and harness system, the Recreational Counter Lung will be compatible.

The inner bladder of the lungs contains the gas you breathe through the loop. The outer lung is there to protect the inner lung and is made with a reinforced tough nylon material. The lungs are fitted with a big D-ring in the bottom of each lung, where you can attach bailout tanks, lights, SMBs or anything else that may come in handy during your dive. The inhalation counter lung has a Velcro strap fitted on the side where you can attach your inflator hose. The exhalation lung has an Over Pressure Valve fitted on the lower part of the lung.

The Recreational Counter Lung capacity is 6.2 liters.

**ART. NO:** 6011 - 049

Does your rebreather diving demand that you should be able to manually add diluent and oxygen gases into the loop? Then the Poseidon Tech Counter Lungs are for you!

The Tech Counter Lungs have the same features as the Recreational Counter Lungs (please see information under Recreational Counter Lungs), but with an increased lung volume to 8.2 liters and the possibility for the diver to manually inject oxygen and diluent gases into the loop.

We have two separate intakes for the two gases. On the exhalation lung we have placed the injection for the oxygen and on the inhalation lung you will find the diluent air inflation. Both buttons are clearly marked so you don’t fit the hoses in the wrong manner.

The Tech Counter Lungs can also be used as recreational lungs by replacing the two injection buttons with blind plugs (needs to be ordered separately). This is good for divers who find the normal Recreational Counter Lungs to have insufficient volume.

The Technical Counter Lung capacity is 8.2 liters.

**ART. NO:** 6011 - 035
The four tank band straps that can be fitted on to the SE7EN are the same type of tank band that you see on standard BCDs, with the exception that the dimension is smaller to fit the POSEIDON SE7EN’s smaller brackets and tanks.

The buckle is made out of hard plastic. They will make it easy to attach your diluent and oxygen cylinders on your SE7EN.

COLOR: Black
ART. NO: 0000 - 116 x 4

The tank straps with the stylish stainless steel buckles will make the attachment of your diluent and oxygen tanks a much easier operation.

The stainless steel buckles has the Poseidon logo beautifully engraved onto them.

COLOR: Black
MATERIAL: Stainless Steel
ART. NO: 0415 - 001, (Pair, L & R)

The Cylinder Quick Mount Release (QMR) attaches your cylinders even quicker then before and with a perfect fit every time, just as you want them to be.

The QMRs are made out of steel and will snap into place on the side of your scrubber canister house. They will not rattle once in place.

ART. NO: 0415-002

BUYER’S GUIDE:
• Tank Strap & Buckle needs to be attached on the upper and the middle attachment points on the canister housing. As they won't be able to attach the SE7EN cover if they attach them on the upper and the lower attachment points.
Poseidon highly recommends you to purchase a QMR or a 11 inch adapter as we can’t guarantee that you will be able to attach your buoyancy device to your POSEIDON SE7EN otherwise.

**QMR**

Used on your POSEIDON SE7EN for an easier assembly and disassembly.

The Quick Mount/Release adapter will make it easier for you to connect and disconnect your BCD/Wing to the POSEIDON SE7EN.

The QMR uses the standard 11-inch system.

It’s the best way to connect the SE7EN and the Rebreather BCD.

**ART. NO:** 0005 -100

**BUYER’S GUIDE:**

- QMRs are preferable if you need to switch to many different buoyancy compensators.
- 11 inch adapters are sturdy and is a great choice if you are only one diver on the unit.

**11 INCH ADAPTER**

Get your POSEIDON SE7EN canister in place without straps.

If you are not planning to assemble and disassemble the BCD or Wing from your POSEIDON SE7EN frequently, the 11-inch adapter is a good low-cost solution connecting them together.

It will make your SE7EN come even closer to your back then the QMR.

**ART. NO:** 0000 - 468
The Jetstream Mk3 is an updated version of the classic Jetstream regulator. We have now connected a Jetstream second stage with an Xstream first stage, thus creating an even better version of this high performing regulator.

With its unique style and rugged reliability, the Jetstream is ideal for beginners and experienced divers alike. You will have octopus that will have a high standard of quality as you POSEIDON SE7EN.

Effortless breathing at any depth. The first stage incorporates a safety valve that allows you to continue to breathe normally from the second stage, even in the unlikely event of abnormally high pressure air in the first stage.

**ART. NO:** 0100 - 006

**COLOR:** Black

**SIZES:** 5 L, 7 L, 40 cuf, 80 cuf

**MATERIAL:** Durable PVC housing with metal mechanism and rubber parts.

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**BUYER’S GUIDE:**

- Prior to ordering please confirm with your instructor that you have the right alternative air source according to the specific training organization you will be trained in.
- You can not use your own octopus with the POSEIDON SE7EN as we can’t guarantee that it will function properly.

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No need for bungees and straps! Place your bailout cylinder inside of the Wingman, zip up and you are good to go.

The tough balistic Nylon 1680 protects your cylinder and military mesh makes sure the case is drained from water once exiting the water. Place your regulator inside the strap on the side of the Wingman, which is equipped with Octopus Velcro. Octopus Velcro is a new type of velcro that will become stronger once in contact with water.

**ART. NO:** 0650 - 031, Side Sling Case 7 L / 55 cf
0650 - 032, Side Sling Case 5 L / 40 cf
0650 - 033, Side Sling Case 11 L / 80 cf

**COLOR:** Blue, Red, Black, Grey

**MATERIAL:** Durable PVC housing with metal mechanism and rubber parts.

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The Jetstream Mk3 is an updated version of the classic Jetstream regulator. We have now connected a Jetstream second stage with an Xstream first stage, thus creating an even better version of this high performing regulator.

With its unique style, multiple colours and rugged reliability, the Jetstream is ideal for beginners and experienced divers alike. Effortless breathing at any depth. The first stage incorporates a safety valve that allows you to continue to breathe normally from the second stage, even in the unlikely event of abnormally high pressure air in the first stage.

**ART. NO:** 0100 - 005, Jetstream MK3 (Black)
0100 - 006, Jetstream Octopus (yellow)
0100 - 020, Jetstream, Blue
0100 - 030, Jetstream, Red
0100 - 080, Jetstream, Grey

**COLOR:**

**MATERIAL:** Ballistic Nylon 1680, YKK Waterproof Zipper, Military Mesh, Octopus Velcro.

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The Rebreather Wing & Rebreather Backplate is tailored to fit the POSEIDON SE7EN.

The Poseidon Rebreather Wing & Harness and the Rebreather BCD have been design to sustain a good buoyancy and fit with your SE7EN. This makes them the preferable choice of buoyancy device to your SE7EN.

Made in Ballistic Nylon with an integrated deflate system and custom made back plate. The webbing and buckle system is adapted from the Poseidon platform. The black aluminum backplate is covered in Nylon for protection and a higher comfort. The four D-rings will make it easy to attach your bailout tank/-s or any other equipment you would like to take along on your dive.

**COLOR:** Black  
**MATERIAL:** Nylon 1680, Nylon covered black aluminum backplate  

**TECHNICAL FEATURES:**  
> Self retracting bladder  
> Three dump valves  
> Nylon covered black aluminum backplate  
> Maximum buoyancy is 150 N which is reached within 5-8 seconds  
> Dry weight 1.8 kg  

**ART. NO.:**  
0336 - 164, Harness w. Backplate  
0338 - 060, Rebreather Wing  

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**Rebreather Wing & Harness** is specifically made for the POSEIDON SE7EN.

Made in the Poseidon One design for beginners and for more experienced divers, the One Wing & Harness gives you a good buoyancy and a great look.

The One Wing is a sportwing with excellent volume increase and superior bladder deflation capabilities.

When deflated, the ClamRetract system helps to reduce size and drag to the minimum. Three dump valves and an inflator with a stainless steel mechanism ensure inflation and deflation is always controlled and safe; and the shape of the bladder compensates for the weight of the tank when submerged and gives you freedom to move in any direction. The narrow air passage behind the neck is designed not to impede head movement or foul regulators and hoses when inflated.

The One Wing is made for equipment with a negative weight in water that does not exceed 19 kg (41.6 lbs) and has a lifting capacity of 225 N. It comes with a double, non flex tankband tank attachment system and can also be equipped with integrated weight pockets, accessory pockets, metal backplate, pinbolt kit and D-rings.

The standard size has a waist belt with three rows of 40 cc holes; and the large size has six rows. This is a superb high performing harness with ergonomic properties developed from advanced backpacks, and a unique variety of adjustment options to optimize both fit and comfort.

The One Harness is an enhanced version of the Besa Advanced harness. We have made the shoulder straps narrower and integrated the waist belts and lumbar support in to one belt with the same ergonomic advantages but a better fit. All Poseidon Wings can be mounted.

Available in two sizes: Standard (M) and Large (L). The difference between the two sizes is the length of the waistbelt and the number of 40 cc holes (3 rows for Standard and 6 for Large).

**COLOR:** Blue, Red, Black, Grey  

**ART. NO.:**  
0336 - XXX, One Harness  
0335 - XXX, One Wing
No need to pack the scrubber yourself with the pre packed SofnoDive® 797.

Each package contains 2 scrubbers which each have 3 hours of CE approved dive time.

SofnoDive® 797, made by Molecular Products, is the only scrubber that Poseidon Diving Systems AB have approved to be used together with the POSEIDON SE7EN Rebreather.

**MATERIAL:** SodaLime.

**TECHNICAL FEATURE:**
- Easy to install
- 3 hour dive time (CE)
- 2 year shelf time
- Disposable, 2,7 kg.

**TESTED:** The canister have been tested for a duration of 180 minutes at 40 m/131 ft, water temperature of 4°C / 39,2°F, and a breathing rate of 40 lpm producing 1.6 liters CO2 per minute at STPD (Standard Temperature & Pressure, Dry in accordance with with EN14143).

**ART. NO:** 6011 - 013

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**REBREATHER DISPLAY GAUNTLET**

The gauntlet will help you keep track of your display, by having it placed on top of your hand.

The gauntlet also protects your display from being scratched or damaged. With a special type of velcro, Octopus Velcro, the display will stick even harder to your hand once in contact with the water.

**COLOR:** Black

**SIZES:** Small and Large

**MATERIAL:** Ballistic Nylon 1680, YKK Waterproof Zipper, Octopus Velcro.

**ART. NO:**
- 0605 - 001, Small
- 0605 - 002, Large

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**O2 SENSOR (MOLEX)**

Oxygen sensors made for the POSEIDON SE7EN.

Oxygen sensors are consumables and should be changed when your POSEIDON SE7EN have a hard time reading the correct O₂ levels in your loop or they have been in use for over 1 years.

You may need to change your O₂ sensors if the following occurs:
- Recurrent C1 alarms when diving
- Hyperoxic linearity test failure
- Recurrent T53 failure

**ART. NO:** 6010 - 206

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**BUYER’S GUIDE:**
- Size Small works with wetsuits
- Size Large works with wetsuits and dry suits, will not fit if you have a dry glove ring system mounted onto your dry suit.
The approved disinfection liquid for the POSEIDON SE7EN.

Post-dive procedures for the POSEIDON SE7EN includes disinfecting the unit. For this purpose we recommend Gigasept.

Gigasept is not available in all markets. Your local Poseidon distributor will be able to recommend a local alternative, if needed.

**Art. No:** 0050-003

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Trim your weight to perfection!

If you need to adjust your trim by adding some extra weight to the tanks on your back, these trim weight pockets is for you. They will let you add 2 kg/4 lbs to each pocket.

**Art. No:** 0350-010

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These hoses will make it possible for you to customize the lengths of the hoses to fit you better.

The standard length sold with the POSEIDON SE7EN is 346 mm.

**Art. No:**
- 0132-003, Standard CC hose = 346 mm (13.62 inch)
- 0132-004, Shorter CC hose = 286 mm (11.26 inch)
- 0132-005, Longer CC hose = 396 mm (15.59 inch)

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Rubberised multitool with most commonly used tools for diving and your POSEIDON SE7EN rebreather.

**Color:** Black

**Art. No:** 0655-003

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**Buyer’s Guide:**

- Attached on your cylinder bands to get you in perfect trim.

**Buyer’s Guide:**

- Customize your loop so it fits you perfectly!
If you would like to use a third cell during your dives to monitor the loop you will now have that option with Poseidon’s Third Cell Holder.

The holder can be placed along the loop and attached as it has the same connections.

Which cell you would like to place in this holder is up to you. You will also be able to use whichever computer you would like to attach your third cell to.

**ART. NO:** 6011-052

Poseidon’s intuitive iPhone and iPad app for planning your dives on the Poseidon MKVI.

We Dive 2.0 is a simple drag and drop iPad/iPhone tool for fundamental dive planning. With the WeDive app you can easily plan your dive time when diving with the POSEIDON SE7EN Rebreather System. You simply use one fingertip to get your diving plan, including how much breathing gas is needed.

**KEY FEATURES:**

- Intuitive iPad and iPhone tool for dive planning and bailout gas requirements
- Plan your bottom time with drag and drop feature
- Interchange between CC/OC to see CCR Dive Plan and OC Bailout Plan
- Save and email your plans
- Exports plan to Pdf
- Uses the same decompression algorithm as MKVI
- Calculates OTU’s

**Ability to alter settings like**

- Setpoints
- Ascent / Descent rate
- O2 fraction
- Diluent composition (Air / Trimix)
- RMV (Respiratory Minute Volume at Bailout)
- O2 consumption rate
- Safety factor bail out gas volume
- Last deco stop level
- Metric or Imperial

**These great features have been added with the 2.0 upgrade:**

- Plan multiple dives
- Plan multiple bailout gases and switch points. We Dive also shows PO2 of gas at depth
- Select last deco stop depth
- Set depth and time in a pop-up dialogue as well as drag and drop
- See clearer information display in Pdf
- See cubic feet as well as liters (in imperial mode)

**BUYER’S GUIDE:**

- WeDive is needed to plan your rebreather dives in a safe and easy way

**ART. NO:** order on iTunes