

POSEIDON

PRODUCT RANGE 2014







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For further information, please contact sales@poseidon.com

REBREATHER & ACCESSORIES



POSEIDON SE7EN

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...

Designed, built and tested to perform in all conditions, the POSEIDON SE7EN is the next generation rebreather. Safety, performance, ease of use and desirability are combined to enable divers of all abilities to experience the underwater world without compromise. Whether you want to get closer to marine life, spend much more time underwater, dive deeper or simply enjoy the bubble-free silence, the POSEIDON SE7EN is the smartest, fastest, safest way to dive.

The POSEIDON SE7EN – one day, all rebreathers will be like it.

The SE7EN has 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

REBREATHER & ACCESSORIES

CONFIGURATIONS:

Art. no.	Name	Description
6012-010	POSEIDON SE7EN	EU version <i>incl.</i> Cover, handle and battery charger. Cylinder Set needs to be added before purchase
6012-011	POSEIDON SE7EN	US version <i>excl.</i> Cylinder Set, <i>incl.</i> cover, handle and battery charger

POPULAR ACCESSORIES:

Art. no.	Name	Description
0005-100	QMR	Used on your POSEIDON SE7EN for easy assembly and disassembly
0000 - 468	11 Inch Adapter	Sturdy and is a great choice if you are only one diver on the unit
0100-006	Jetstream Mk3 Octopus	Is the only octopus allowed on the POSEIDON SE7EN
0650 - 032	Wing Man, Side Sling Case	Bring your bailout tank with you without bungs and straps
0100-005	Jetstream Mk3 (Black)	Perfect regulator for your bailout kit



RECREATIONAL COUNTER LUNGS

Art. no.	Description
6011-049	For the recreational rebreather diver

MATERIAL:

Balistic Nylon

TECHNICAL FEATURE:

6.2 liter volume.



TECHNICAL COUNTER LUNGS

Art. no.	Description
6011-035	For the technical rebreather diver

MATERIAL:

Balistic Nylon

TECHNICAL FEATURE:

8.2 liter volume.
Manual addition of oxygen and diluent gases.

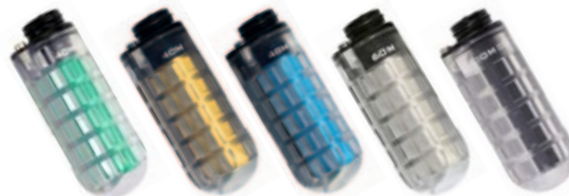
BATTERY UPGRADE

40M REC, 40M DECO, 48M TRIMIX,
60M TECH AND DEEP

Recreational or Technical Rebreather.

A simple battery change will allow you to upgrade your POSEIDON SE7EN to go even deeper. By 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 are no 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.



Art. no.	Description
6011-005	Battery Module – Rec 40
6011-027	Battery Module – Deco 40
6011-028	Battery Module – Trimix 48
6011-029	Battery Module – Trimix 60
6011-036	Battery Module – Deep

MATERIAL:

Water sealed battery pack in robust plastic.

TECHNICAL FEATURE:

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.

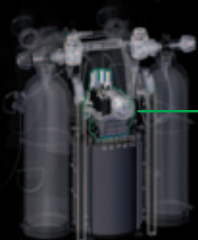
REBREATHER & ACCESSORIES

THE NEXT GENERATION REBREATHER

Developed from the world's first recreational rebreather, the legendary Poseidon MKVI, the POSEIDON SE7EN gives you 7 Next Generation Benefits:

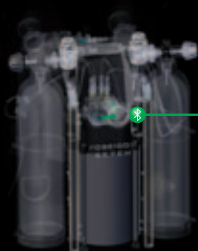
G7 INSIDE

Generation 7 electronics open up endless possibilities for interaction, accessories and apps. Entirely new internal hardware driven by a new generation of firmware makes the SE7EN faster, flexible and reliable in any diving environment.



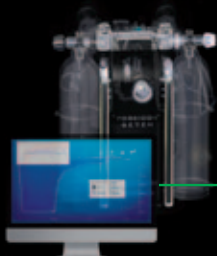
BLUETOOTH CONNECTIVITY

Download your dive logs in seconds, update your settings and interact effortlessly with your POSEIDON SE7EN, all using Bluetooth.



DIVE MANAGEMENT SYSTEM

Enjoy enhanced interaction with your rebreather. The upgraded configuration tool interacts with your POSEIDON SE7EN via Bluetooth, allowing you to make configuration changes in moments. See your dive logs in far greater detail and much more. Better still, it's now Mac compatible!



RECREATIONAL OR 100M TECHNICAL REBREATHER

The POSEIDON SE7EN can be whatever you want it to be! You can use the SE7EN as a Recreational Rebreather or as a 100M-rated Technical Rebreather; it's your choice! Poseidon's industry-leading upgrades give you the ultimate recreational and technical rebreather flexibility.



ENHANCED SERVICE & SUPPORT

Poseidon already has class-leading reliability and technical support, but the SE7EN makes service and support even easier and more convenient. Dive logs download automatically via Bluetooth to support. Detachable displays and sensors mean that support is even faster and more convenient than before!



UPGRADED MOUTHPIECE

The best rebreather mouthpiece just got even better! A new system designed for military use keeps the bail-out valve locked in place in closed or open circuit, while still enabling simple switches from closed to open circuit.



COVER

Protective, desirable and functional in equal measures, the cover on the POSEIDON SE7EN has a built-in handle system, along with grab and lighting rails.



REBREATHER & ACCESSORIES



REBREATHER & ACCESSORIES



POSEIDON MKVI

The Poseidon Discovery is the world's first rebreather for recreational divers. It's a fully-closed, fully-automated unit that will make you see diving in a different light.

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.

Poseidon MKVI has big advantages over traditional Open Circuit equipment:

- > Get closer to marine life
- > Much more time underwater
- > Patented safety technology
- > Plug and play system
- > No bubbles

REBREATHER & ACCESSORIES

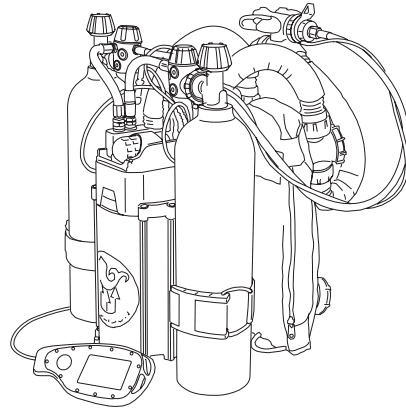
TECHNICAL FEATURES:

Compared to Open Circuit, rebreathers have 3 big advantages:

- > Triple actual dive time
- > Far less disturbing to marine life
- > Warm breathing gas

Poseidon's recreational unit has 3 big additional advantages:

- > Fully automatic and easy to use
- > Lighter and smaller
- > Unique, patented safety system



CONFIGURATIONS:

Art. no.	Name	Description
6011-000	Discovery MKVI (EU) + Cylinders	EU Version with Aluminium cylinders & valves
6011-020	Discovery MKVI (US)	US Version without cylinders & valves
6011-026	Discovery MKVI (A/P) + Cylinders	Asian Pacific Version with cylinders & valves

POPULAR ACCESSORIES:

Art. no.	Name	Description
0337-	Rebreather BCD	World's first integrated rebreather BCD includes counter lungs
0605-001	Rebreather Display Gauntlet	Keeps your display in place on your wrist
0005-100	QMR - Quick Mount Release	Quickly attaches MK VI to BCD or Harness
6010-206	O2 Sensor (Molex)	Spare Oxygen sensor
6010-312	Protection handle	Sturdy handle for MK VI
6011-013	Scrubber, Pre Packed (2P)	Scrubber, box of 2 pre-packed scrubber canisters

BATTERY DECO UPGRADE

40M REC, 40M DECO, 48M TRIMIX
AND 60M TECH

A simple battery change will allow you to upgrade your Poseidon MKVI to go even deeper.

By having the option to upgrade your Poseidon MKVI to perform decompression stops by a simple exchange of batteries. Makes the Poseidon MKVI the ideal machine for you to grow from a recreational rebreather diver to a technical rebreather diver. There are no 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.



Art. no.	Description
6011-005	Battery Module – Rec 40
6011-027	Battery Module – Deco 40
6011-028	Battery Module – Trimix 48
6011-029	Battery Module – Trimix 60

MATERIAL:

Water sealed battery pack in robust plastic.

TECHNICAL FEATURE:

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.

REBREATHER & ACCESSORIES



SOFNODIVE 797, PRE PACKED SCRUBBER (2 PCS)

Art. no.	Description
6011-013	Pre Packed Scrubber (2 Pcs)

MATERIAL:

SodaLime

TECHNICAL FEATURE:

Easy to install, 3 hour dive time (CE), 2 year shelf life, disposable, 2,7 kg.



O2 SENSOR (MOLEX)

Art. no.	Description
6010-206	O2 Sensor (Molex)



WING MAN, SIDE SLING BAG

COLORS

Black



Art. no.	Description
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

MATERIAL:

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



DISPLAY GAUNTLET

COLORS

Black



Art. no.	Description
0605-001	Display Gauntlet S
0605-002	Display Gauntlet L

MATERIAL:

Ballistic Nylon 1680, YKK Waterproof Zipper, Octopus Velcro.



TANK STRAP & BUCKLE

COLORS

Black



Art. no.	Description
0415-001	Tank Strap & Buckle (Pair L&R)

MATERIAL:

Stainless Steel.

REBREATHER & ACCESSORIES



PROTECTION HANDLE

The Stainless steel handle is easily mounted on top of your Poseidon MKVI. This will make your rebreather easy to grab and carry.

Art. no.	Description
0005-065	Protection handle Discovery

MATERIAL:

Stainless Steel

TECHNICAL FEATURE:

Quick mount/dismount



QMR

The Quick Mount/Release adapter presents the fastest solution to mount and dismount your Poseidon MKVI to the BCD/Wing.

Art. no.	Description
0005-100	QMR Rebreather BCD

MATERIAL:

Stainless Steel

TECHNICAL FEATURE:

Quick Sprint solution for mount/dismount



11 INCH ADAPTER

This adapter enables the tightest fit between your Poseidon MKVI and the BCD/Wing. This is the choice if you don't dismount your unit from the buoyancy device too often.

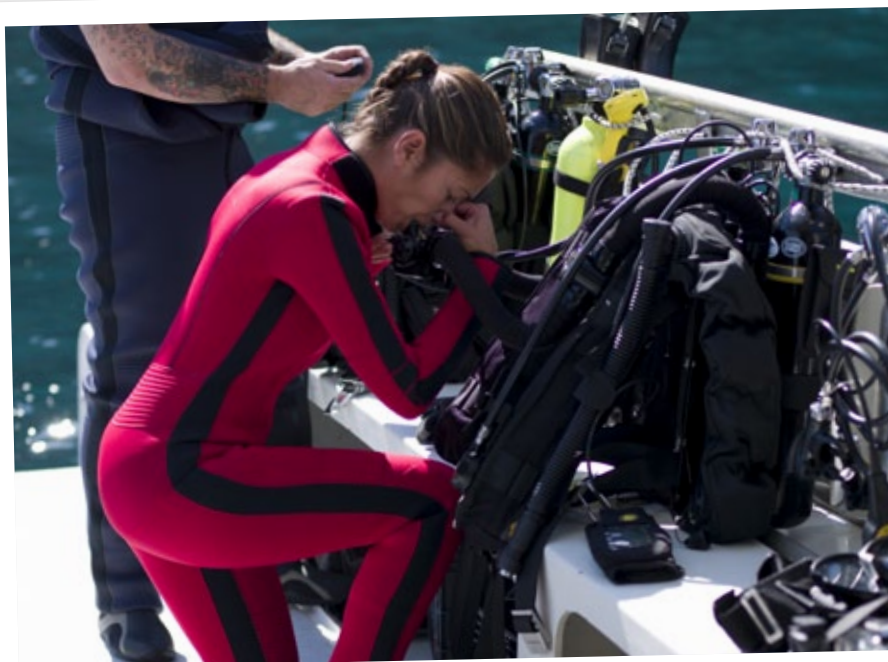
Art. no.	Description
0000-468	11 inch adapter Complete

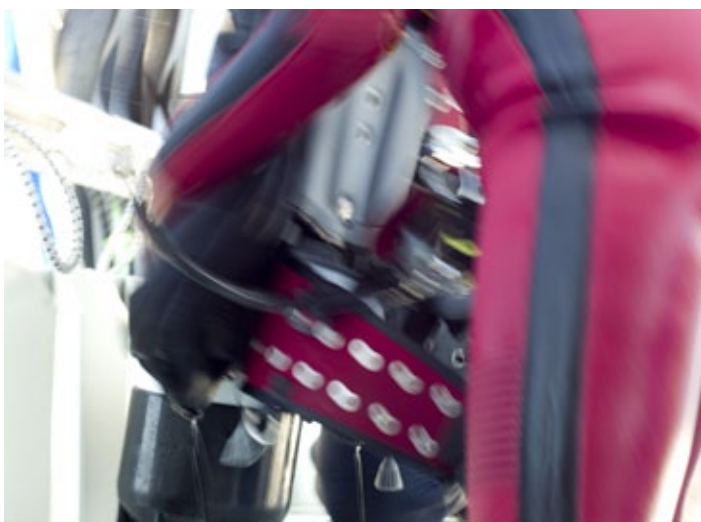
MATERIAL:

Stainless Steel

TECHNICAL FEATURE:

Low profile







REGULATORS & GAUGES

JETSTREAM

THE BENCHMARK FOR HIGH PERFORMANCE



Controlling the power of a massive airflow, astonishingly reaching some 2100 litres/minute is an engineering challenge. The solution to this was to obtain a precision regulation, keeping breathing pressure to within +/- 5 mm.w.c throughout the inhalation cycle, regardless of depth and demand. Called a servo-assisted valve, it works in the same way as does the power steering you may have on your car – it's all about compensation.

Prior to diving, when you pressurize the regulator, the main blue bladder valve is inflated with the interstage pressure, along with all inner volumes including the upstream side of the servo valve. When this is done a "swoshing" sound of streaming air is heard. The system is then activated. On inhalation, the forces from the inhalation diaphragm easily overcome the light forces to crack open or "tilt" the servovalve and in turn evacuate all inner volumes. The main blue bladder valve then collapses and in turn lets an amount of gas out, corresponding to the actual demand.

This technology ensures that the lightest possible effort can result in an almost limitless amount of gas on inhalation.

All the more astonishing is the fact that Poseidon introduced this technology to the market as far back as 1981.

The Jetstream: traditionally popular with technical divers as well as the Swedish and US navies. An easy breathe at any depth, the second stage incorporates a safety valve that allows you to continue to breathe normally in the unlikely event of abnormally high pressure air being delivered to the second stage. Approved to EN250 cold water standard.

COLLECTION COLORS

Blue Red Black Grey Yellow



Art. no.	Description
0100-005	Jetstream, Black
0100-020	Jetstream, Blue
0100-030	Jetstream, Red
0100-080	Jetstream, Grey
0100-006	Jetstream Octopus (Yellow)

MATERIAL:

Durable PVC housing with metal mechanism and rubber parts.

TECHNICAL FEATURES:

- > Use either way up
- > Robust, durable
- > Approved for cold water diving
- > Reliable high performance

POSEIDON FACT

Poseidon is the only manufacturer with mouthpiece regulators approved for cold water service by US Navy. For details go to <http://www.supsalv.org/pdf/ANU.pdf>

JETSTREAM PACKAGE

- > Regulator with 70 cm hose
- > Warranty card
- > User guide

USERS

- > US Navy
- > Italian police
- > Technical divers

WHO SHOULD BUY

Sport divers
Under water photographers

REGULATORS & GAUGES

XSTREAM

The regulator of choice for demanding divers using air or trimix O2 Certified.
Outstanding performance and certified to 200 metres.

COLORS



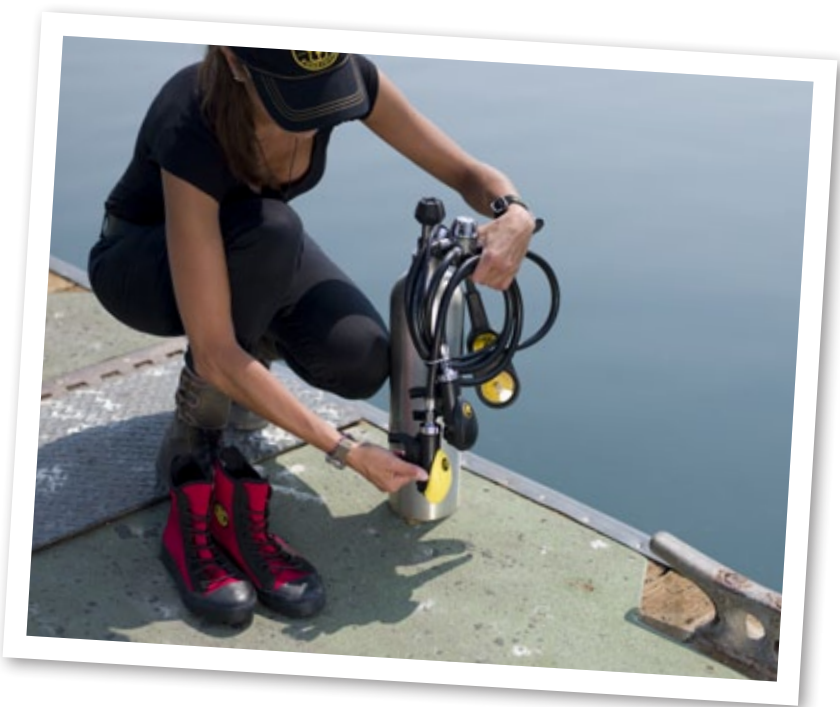
Art. no.	Description
0100-000	Xstream Deep MK3, Black, for air and trimix
0100-001	Xstream Duration M26 (EU), Green, for oxygen
0100-003	Xstream Octopus, Yellow
0100-007	Xstream Duration G5/8" (US), Green, for oxygen

MATERIAL:

Durable PCS housing with metal mechanism and rubber parts.

TECHNICAL FEATURES:

- > Trimix and air
- > 5 LP and 2 HP-ports
- > Low WOB - Servo assisted
- > Certified to 200 m
- > O2 Certified



REGULATORS & GAUGES

XSTREAM RANGE

POSEIDON KEEPS INNOVATING

The objective; design the most reliable HP valve in the world. Every engineer knows the benefits of using balls in valve arrangements, since they will never be misplaced and will always find their perfect position. Unfortunately, varying upstream pressures will either push the ball too fiercely into the seat or leave it unsecurely loose, giving unbalanced characteristics.

By inventing the floating seat (which automatically repositions the ball) the increased upstream pressure is balanced equally with increased and counter-acting compression forces from the pressure adjustment spring, so maintaining the benefits of having a perfect ball as the sealing element. The Xstream regulator is also self-balancing, which gives the same high performance irrespective of the pressure in the cylinder. When the seat is moved upwards by the high pressure, the design causes the upper pressure spring to compress and thus exactly self-balance the powers of pressure.

Xstream also has a built in anti freeze protection in its construction. TDA (Thermo Dynamic Antifreeze) ensures that the through-flowing water keeps the ice away, entirely without fluids or extra diaphragms.

The Xstream Deep: The Xstream Deep: rated for use down to 200m and for use with mixtures containing helium (He). Colour coded Black on both stages to avoid confusion with other gas mixes. All Xstream hoses are oxygen clean and delivered in a sealed bag and they are available in the following lengths: 70, 90, 150, 215 cm (28, 36, 60, 85 inches).

Duration: Colour coded green for Nitrox on both first and second stage to avoid confusion with other mixes. This regulator fulfils the O_4 requirements for Nitrox up to 50% O_2 : O_2 -engineered O_2 -compatible, O_2 -clean and O_2 -approved. All Xstream hoses are oxygen clean and delivered in a sealed bag and they are available in the following lengths: 70, 90, 150, 215 cm (28, 36, 60, 85 inches).

XSTREAM DEEP PACKAGE

- > Regulator
- > Neck strap
- > Warranty card
- > User guide



LP-hoses are available in a range of lengths

WHO SHOULD BUY

Deep divers

XSTREAM DURATION PACKAGE

- > Regulator
 - > Neck strap
 - > Warranty card
 - > User guide
 - > Comes with G5/8 or M26 thread
- LP-hoses are available in a range of lengths



WHO SHOULD BUY

Nitrox divers

O_4 REQUIREMENTS FOR SAFE OXYGEN USAGE

Xstream fulfils the O_4 requirements for safe oxygen (O_2) usage. These are;

O_1 – oxygen engineered

O_2 – oxygen compatible materials

O_3 – cleaned for oxygen use

O_4 – oxygen approved

O_1 , oxygen engineered – constructing a regulator for oxygen use requires special engineering skills. It is not as simple as taking any regulator and changing the materials to be so-called “oxygen compatible”. Care must be taken, for example, to minimise the use of polymeric materials, avoid intersecting holes and sharp turns, minimise flow velocity, evaluate heat transfer and optimise it, ensure the product does not produce contaminants during assembly, make cleaning and inspection efficient, etc.

O_2 , oxygen compatible materials – the term “oxygen compatible” must not be taken too literally; it is meaningless to refer to a material as being “perfectly oxygen compatible”.

It is more a matter of choosing materials according to a set of factors which will result in the lowest possible risk of causing a severe error of any kind. For oxygen use, the variety of materials that come into question is very much limited, since factors such as oxygen index, auto ignition temperature, heat of combustion, toxicity of fumes, risk for particle impact, etc must be considered.

O_3 , oxygen cleaned – is a standard where a certain level of contaminants can be accepted to expose a tolerable risk for ignition. Special methods and detergents must be used to obtain the correct cleanliness level. Poseidon prefers to call it “cleaned for oxygen use”, rather than “oxygen cleaned”, which can be misleading.

O_4 , oxygen approved – The European Union Directive for Personal Protective Equipment requires that SCUBA regulators must be tested and approved by an independent notified body. Regulators for oxygen use must pass more tests specifically for oxygen, e.g. adiabatic compression shock testing.

REGULATORS & GAUGES

CYKLON

EVEN MORE EXPERIENCED THAN YOU...

A regulator must possess a set of functions which are unaffected by the different environments it will see during its lifetime. Examples of these functions include inhalation resistance, exhalation bubble distraction, noise and leak tightness – to name just a few. Different environments such as cylinder pressure, diving attitude, depth, temperature, gas, type of water, the diver can have an effect on these functions.

When a new regulator is released on the market, it has to pass the EN 250 test. This test represents one single environment; the manufacturer may have managed to test perhaps another hundred such situations, which is good but not necessarily enough. Only after years and years of actual use by divers around the world will the manufacturer collect all the information which can guarantee a perfect performance under all circumstances. This of course, takes time...

The Poseidon Cyklon Junior was introduced in 1958. In small steps, it has been gradually improved every year, based on both divers' experiences and technological evolution. And so it continues.

The expression "been there – done that" applies to The Poseidon Cyklon more than to any other regulator on the market.

The Cyklon: First launched in 1958, constant improvements have resulted in a really tough, reliable workhorse, and is the choice of many navies around the world. Approved to EN250 cold water standard.



MATERIAL:

Cyklon 5000
2nd stage in plastic.
Cyklon Metal
The same design as the Cyklon 5000, but with the 2nd stage in metal.

TECHNICAL FEATURES:

- > Use either way up
- > Robust, durable
- > Approved for cold water diving
- > Reliable high performance

COLLECTION COLORS

Plastic/Black

Metal

Yellow



Art. no.	Description
2981	Cyklon Octopus
2981 M	Cyklon Metal Octopus
3950	Cyklon 5000
3950 M	Cyklon Metal

CYKLON PACKAGE

- > Regulator with 70 cm hose
- > Warranty card
- > User guide

USERS

- > German Navy
- > Swedish submarines - rescue
- > Cave divers
- > Dive schools

WHO SHOULD BUY

Sport divers
Cave divers
Anyone that want's a high performance, robust workhorse regulator

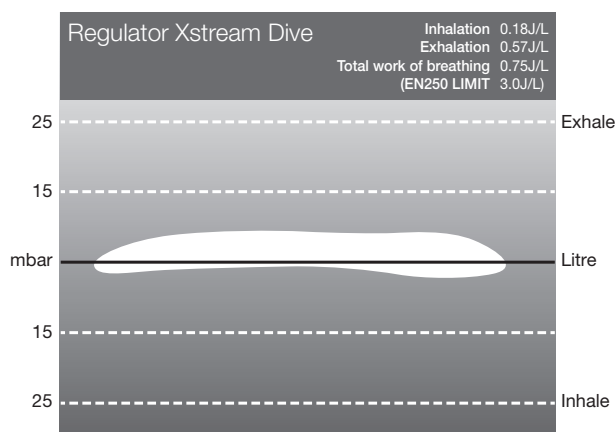
SERVO(PILOT) VALVE TECHNOLOGY

To achieve high air flow on demand, the diameter of the supply nozzle in the second stage has to be of sufficient size: however this impacts on other aspects of a regulator's design. This nozzle is covered by a plate or "valve seat", which ensures that gas does not escape when not in use or during exhalation. Force is required to hold the plate in place against the gas pressure – assuming that it is a downstream opening valve seat, as is the case in most conventional regulators. It is the force required to "crack open" the valve – the inhalation effort – which divers want to keep to a minimum.

As mentioned, with the nozzle diameter "set" according to physical laws, therefore the corresponding force to seal the nozzle is also predetermined. These laws mean that to make a high performing and enjoyable regulator, the given factors would result in either a huge diaphragm to obtain the necessary forces, or a high inhalation effort.

One solution that does reduce the inhalation effort is to use a sharp edge against the valve seat – this reduces the force needed to keep the valve closed. This is not satisfactory as it dramatically increases wear. Another option is to use Venturi-effects to fool the regulator diaphragm into believing that there is a greater demand due to local under-pressure zones near the diaphragm. However this too is not satisfactory as the Venturi-effect is dependent on depth and breathing pattern which means that performance will be affected by depth which is never good.

Our solution is Servo technology. It is like power steering in a car. A servo controlled valve is basically made of two valves; one very small and one bigger. The smaller controls the bigger. By having an extremely small valve, with a correspondingly small nozzle, the forces to keep it air-tight and therefore to open it are much smaller. In addition, since the force to keep the bigger valve shut comes from the interstage pressure itself and is controlled via the servovalve, it doesn't require sharp edged seals and it can be greatly increased in respect of outlet area to achieve very high air-flow capacity.



A common misconception regarding the Jetstream servo valve is that since the servo valve is an upstream opening valve, in case of an increased interstage pressure the servo will shut, preventing the main valve from opening.

This is incorrect. The Jetstream second stage is equipped with a safety valve in case a high pressure airflow occurs. This safety valve prevents the airstream from flowing out through the mouthpiece straight into your mouth. Instead, the construction will release the air into the water via the hose. In all cases it is possible to breathe from the second stage.

What is a breathing curve?

Have you ever thought of how you breathe? When you inhale and exhale you create something called a breathing curve or a loop. A breathing loop is also a way of measuring the performance of a regulator and is measured in Joules per litre (see picture). For example the total work of breathing might be 0,75J/l. The figure shown in charts is normally the sum of inhalation and exhalation with an optimised regulator in a test bench, which means it does not show if the inhalation was extremely high and exhalation extremely low or vice versa.

Some regulators rely on knobs and levers to be manually adjusted. To get optimum performance out of such a regulator as you descent or ascent is extremely hard as there are many parameters to consider. Our idea is that this should work automatically.

At Poseidon we focus on inhalation resistance as breathing out is easy for the human body. The Cyklon achieves this by through overall design and the Jetstream and Xstream by servotechnology. The servo valve is unaffected by depth or at what pressure it has to work at, as the force required to open it is extremely low. Next time you ask about a regulator's breathing curve ask them about inhalation resistance and if the regulator adjusts this automatically so that you don't end up being the regulator.

REGULATORS & GAUGES

Regulators

General	Xstream Deep	Xstream Duration	Jetstream Mk3	Cyklon 5000	Cyklon Metal	Atmosphere FFM
Item no	0100-000	0100-001 M26 0100-007 G5/8"	0100-005	3950	3950 M	4900-M-BK
Approved to depth (m/f)	200/656 (gas dep)	200/656 (gas dep)	50/165	50/165	50/165	50/165
IP (bar/psi)	8.5/123	8.5/123	9.5/138	12/174	12/174	8.5/123
Air	✓	✓	✓	✓	✓	✓
Nitrox 50%	n/a	✓	n/a	n/a	n/a	n/a
Oxygen 99.95%	n/a	✓	n/a	n/a	n/a	n/a
Trimix	✓	n/a	n/a	n/a	n/a	n/a
Working pressure 300 bar	✓	✓	✓	✓	✓	✓
Anti-Freeze protection	✓	✓	**	**	**	**
O-rings	Nitril/EPDM	Viton/EPDM	Nitril	Nitril	Nitril	Nitril
US Navy Tested	n/a	n/a	✓	✓	✓	n/a
Oxygen approved (EN738-1)	n/a	✓	n/a	n/a	n/a	n/a
NORSOK approved	✓	✓	n/a	n/a	n/a	n/a
EN250 approved (cold water)	✓	✓	✓	✓	✓	✓
CE Cold water approved	✓	✓	✓	✓	✓	✓
24 month warranty	✓	✓	✓	✓	✓	✓

2nd Stage

Item no	0120-000	0120-001	0120-005	3354	3354 M	4915-BK
Colour	Black	Green	Black	Black	Metal	Black
Material	ASA/TPU	ASA/TPU	ASA	ASA	ASA	ASA
	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Brass	Brass	Brass	Brass	Brass	Brass
Weight (g/lb)	152/0,33	152/0,33	190/0,42	200/0,44	250/0,55	190/0,42
Volume (ml/cuin)	49,5/3,0	49,5/3,0	80/4,88	60/3,66	60/3,66	80/4,88
Technique	Upstream	Upstream	Upstream	Downstream	Downstream	Upstream
Flowrate (l/cuft permin)	2150/76	2150/76	1800/63	1250/44	1250/44	1800/63
Oxygen cleaned	n/a	✓	n/a	n/a	n/a	n/a
Servoassisted	✓	✓	✓	n/a	n/a	✓
Safety valve	✓	✓	✓	n/a	n/a	✓
Swiveling	✓	✓	✓	✓	✓	✓
Automatic Venturi assist	✓	✓	✓	✓	✓	✓
Automatic Inhalation control	✓	✓	✓	✓	✓	✓
Gascoded cover	✓	✓	n/a	n/a	n/a	n/a
Dismountable w/o tools	✓	✓	n/a	n/a	n/a	n/a
Non keyed (no up or down)	✓	✓	✓	✓	✓	fixed
Anatomic Mouthpiece	✓	✓	✓	✓	✓	n/a
Push button on side	✓	✓	✓	✓	✓	✓
Positive pressure	n/a	n/a	n/a	n/a	n/a	✓

1st Stage

Product name	Xstream Deep	Xstream Duration	Jetstream Mk3	Cyklon 5000	Cyklon Metal	Atmosphere Complete
Item no	0110-000	0110-001 M26 0110-003 G5/8"	0110-000	3720	3720	0110-000
Colour	Black	Green	Black	Metal	Metal	Metal
Technique	Rolling diaph.	Rolling diaph.	Diaphragm	Diaphragm	Diaphragm	Rolling diaph.
Material	Chrome/brass	Chrome/brass	Chrome/brass	Chrome/brass	Chrome/brass	Chrome/brass
Valve technique	Spheric	Spheric	Piston	Piston	Piston	Spheric
Wheel mount	Side	Side	Side	Side	Side	Side
Flowrate (l/cuft per min)	5500/194	5500/194	5500/194	5100/180	5100/180	5500/194
Oxygen cleaned DIN 5/8"						
Connection	n/a	✓	✓	✓	✓	✓
DIN 5/8" Connection	✓	✓	✓	✓	✓	✓
EN144-3 Connection	n/a	✓	n/a	n/a	n/a	n/a
Separate Yoke	**	**	**	**	**	**
Zytel HP seat	✓	✓	✓	n/a	n/a	n/a
Safety valve	✓	✓	✓	✓	✓	✓
Thermodynamic anti-freeze prot.	✓	✓	n/a	n/a	n/a	n/a

Hose

Hose length	70 cm/28 in	*	70 cm/28 in	70 cm/28 in	70 cm/28 in	70 cm/28 in
Cordreinforced EPDM	✓	✓	✓	✓	✓	✓
Inspection port	✓	✓	✓	✓	✓	✓
>100 bar burst pressure	✓	✓	✓	✓	✓	✓
>1000 N Tensile strength	✓	✓	✓	✓	✓	✓
Oxygen cleaned	n/a	✓	n/a	n/a	n/a	n/a

Accessories

Octopus	0100-003	n/a	0100-006	2981	2981 M	0100-003, 0100-006
EN144-3 Rebuild kit	n/a	n/a	n/a	n/a	n/a	n/a
Separate Yoke	2920	2920	2920	2920	2920	2920
Anti freeze cap	n/a	n/a	1286	1286	1286	n/a
Hose 70 cm/28 inch	4680-70	4680-70	2943	2946	2946	2943
Hose 90 cm/35 inch	4680-90	4680-90	2944	2947	2947	2944
Hose 150 cm/59 inch	4680-150	4680-150	3141	3146	3146	3141
Hose 215 cm/85 inch	4680-215	4680-215	3142	3147	3147	3142
Neckstrap	4540	4540	n/a	n/a	n/a	4540

* Choose length ** Accessory n/a Not available n/d Not delivered ✓ Standard

GLOSSARY OF TERMS USED

Balanced – this means that the regulated pressure is independent from the upstream pressure, e.g. IP independent from cylinder pressure, or breathing pressure independent from IP. The conventional way to obtain this is to arrange the valve in such a way that the upstream pressure either: acts only on surfaces perpendicular to the opening and closing direction, thereby having no effect on opening and closing forces; or the upstream pressure leads through the valve to an opposite surface of equal area, leading to an automatic equalisation (balancing) of forces in the opening and closing direction.

Either way, it leads to a more stable performance and higher regulating precision.

Upstream valve vs. downstream valve – an upstream valve opens in a direction opposite of the flow direction which will be established when the valve opens. A downstream opens in the same direction as the subsequent flow. An upstream valve will seal tighter and tighter with an increasing upstream pressure, while a downstream will open when upstream pressure reaches a certain threshold pressure.

SCUBA regulators with upstream valves must have something acting as a pressure relief valve somewhere in the line, to ensure that explosions are not caused in case of an excessive pressure. Downstream valves will open spontaneously, but if used, for example, in 2nd stages, will be more prone to start free-flowing under the same circumstances.

p/v loop, breathing diagram - A p/v loop is a way to visualise a regulator's breathing performance by plotting the breathing pressure over the displaced volume. Most often, the breathing starts with an inhalation to the right at the x-axis, and the inhalation forms a graph ideally close to the x-axis. When exhalation starts, the graph plotter turns and goes back again on the positive side of the x-axis until the inhaled volume has again been exhaled. This then forms a "pressure/ volume loop". The x-axis intersects with the y-axis exactly at the actual pressure at depth, and can be said to be the target regulator pressure. If both the inhalation and exhalation curve did not deviate from the target pressure whatsoever, we would have a perfect regulator, with no inhalation- or exhalation-resistance.

Norsok U-101 – Since the EN 250 standard only states-dynamic performance testing to a maximum depth of 50m, and accordingly requires a maximum approved diving limit to 50m, it cannot be used for type approving regulators capable of more. The Norwegian Off-Shore industry has established standards similar to the EN 250 which describes testing down to 400m. This standard was accepted by the notified body to be used to approve the first ever Open Circuit SCUBA regulator to be approved for use down to 200m – the Xstream. The standard can be viewed at: http://www.standard.no/pronorm-2/data/f/0/01/49/1_10704_0/U-101-N.pdf



REGULATORS & GAUGES

GAUGES

The gauges come in two different colors, the traditional yellow dial and the new with a black dial. Both versions come with either bar or psi and they are also available as double console with a depth meter.

MODEL:

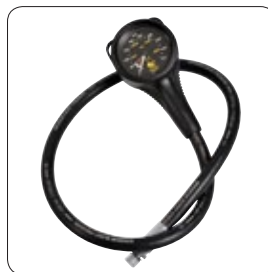
Cirrus Pressure Gauge with Hose



Double Console in Black



Pressure Gauge in Black



Art. no.	Description
7929	Pressure gauge Cirrus w hose BAR
0600-001	Double Console Cirrus 2009, Black
0600-000	Pressure Gauge Cirrus 2009, Black

TECHNICAL FEATURES:

Cirrus Pressure Gauge with Hose

This 300 bar (4350 psi) pressure gauge is a small model that will not be in the way during the dive. Made of robust metal and packed with Poseidon's 300 bar kevlar reinforced hose. Also available with PSI scale.

Double Console in Black

Our double console in a new design, with black display and fluorescent numbers. Pressure gauge shows both BAR and PSI. Comes with a 80 cm HP hose.

- > Black display
- > Depth gauge to 80 metres
- > Display shows both Bar and PSI

Pressure Gauge in Black

Our pressure gauge in a new design, with black display and fluorescent numbers. Pressure gauge shows both BAR and PSI. Delivered with a 80 cm HP hose.

BCD & WING



REBREATHER BCD

The rebreather BCD is the first of its kind and features include integrated exchangeable lungs, weight system and the Poseidon individual patch system. The rebreather BCD is constructed to the highest quality and durability using ballistic nylon, YKK zippers and hand crafted detailing. Available in 4 colors.

The Rebreather BCD is another world's first, constructed to the highest quality and durability

- > Integrated exchangeable lungs
- > Weight system
- > Individual patch system

COLLECTION COLORS

Blue Red Black Grey



Art. no.	Description
0337-022	Rebreather BCD Blue XS
0337-023	Rebreather BCD Blue S
0337-024	Rebreather BCD Blue M
0337-026	Rebreather BCD Blue L
0337-027	Rebreather BCD Blue XL
0337-032	Rebreather BCD Red XS
0337-033	Rebreather BCD Red S
0337-034	Rebreather BCD Red M
0337-036	Rebreather BCD Red L
0337-037	Rebreather BCD Red XL

Art. no.	Description
0337-062	Rebreather BCD Black XS
0337-063	Rebreather BCD Black S
0337-064	Rebreather BCD Black M
0337-066	Rebreather BCD Black L
0337-067	Rebreather BCD Black XL
0337-082	Rebreather BCD Grey XS
0337-083	Rebreather BCD Grey S
0337-084	Rebreather BCD Grey M
0337-086	Rebreather BCD Grey L
0337-087	Rebreather BCD Grey XL



WAIST RANGE

Size	XS	S	M	L	XL
inch	25~32	30~36	33~39	37~43	40~47
cm	63,5~81,5	76,5~91,5	84~99	94~109	101,5~119,5

POPULAR ACCESSORIES:

Art. no.	Name	Description
0605	Display Gauntlet	Keeps your display in place on your wrist
0005-100	QMR	Quickly attached MK VI to BCD or Harness
0650	Wing Man	To use for your bailout bottle

MATERIAL:

Premium black version in Nylon 1680. 3 color versions in red, blue and grey made in Cordura 1000. YKK Waterproof Zippers. Inflator with stainless steel mechanism.

TECHNICAL FEATURES:

Integrated counter lungs, Integrated weight-pockets, Case for crotch strap, Velcro for patches or gauntlet.

BCD & WING

REBREATHER WING AND THE POSEIDON MKVI BACKPLATE

The Rebreather Wing & Rebreather Backplate is tailored to fit the POSEIDON SE7EN. The Poseidon Rebreather Wing & Poseidon Rebreather Harness and the Rebreather BCD have been design to sustain a good buoyancy and fit with your SE7EN. Therefore they are 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 anyother equipment you would like to take along on your dive.

COLLECTION COLORS

Black



Art. no.	Description
0336-164	Harness w. backplate
0338-060	Rebreather Wing

MATERIAL:

Nylon 1680, Nylon covered black aluminum backplate



TECHNICAL FEATURES:

- > Self retracting bladder
- > Three dumpvalves
- > Nylon covered black aluminum backplate
- > Maximum buoyancy is 150 N which is reached within 5-8 seconds
- > Dry weight 1,8 kg

ONE WING & ONE HARNESS

Poseidon's single tank wing is now available in the ONE design. Featured in 5 colors and made in Cordura™ 1000. Designed for beginners and for more experienced divers, the One Wing 50 is a sport wing with excellent volume increase and superior bladder deflation capabilities. When deflated, the ClamRetract system helps to reduce size and drag to the minimum. Four 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 tank-band tank attachment system and can also be equipped with integrated weight pockets, accessory pockets, metal back plate, 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.

COLLECTION COLORS

Blue Red Black Grey



Art. no.	Description
0335-020	One Wing 50 Blue
0335-030	One Wing 50 Red
0333-000	One Wing 50 Black
0335-080	One Wing 50 Grey

Art. no.	Description
0336-024	Harness One Blue Standard
0336-026	Harness One Blue Large
0331-000	Harness One Black Standard
0332-000	Harness One Black Large
0336-084	Harness One Grey Standard
0336-086	Harness One Grey Large



FEATURES ONE WING:

Sport wing, Four dump valves, Inflator with a mechanism in stainless steel, Non-flex tankband, ClamRetract system.



FEATURES ONE HARNESS:

Ergonomic harness, 40 cc system, Fits most sizes, Available in Standard and Large"



...GET CLOSER



SUITS & ACCESSORIES

ONE SUIT SPORT (NEOPRENE)

Poseidon's versatile, multipurpose wetsuit. The range covers all aspects of diving from tropical to cold waters. The One Suit Sport is made of first grade neoprene with a jersey lining and a nylon outer shell for extra durability. The suit is based on the unique design of the One Suit Membrane and features the straight arm and leg openings for easier use with boots and gloves.

MATERIAL:

Available in 5MM Neoprene in 4 Colours: Black, Red, Blue and Grey.

TECHNICAL FEATURES:

Ultra comfortable neoprene with superstrech on sides for perfect fit, pre-bent arms and legs with smooth skin neoprene water seals for enhanced protection and comfort.



SIZE REFERENCE, CM

Men	XS	S	MS	M	MT	ML	LS	L	LT	XLS	XL	XLT	2XL	2XLT
Height	168~174	170~176	167~173	173~179	179~185	175~181	171~177	177~183	183~189	174~180	180~186	186~192	183~189	189~195
Chest	86~91	90~95	94~99	94~99	94~99	98~103	102~107	102~107	102~107	106~111	106~111	106~111	110~115	110~115
Waist	73~78	77~82	81~86	81~86	81~86	85~90	89~94	89~94	89~94	93~98	93~98	93~98	97~102	97~102
Hips	88~93	92~97	96~101	96~101	96~101	100~105	104~109	104~109	104~109	108~113	108~113	108~113	112~117	112~117

Ladies	2XS	XS	S	ST	MS	M	MT	LS	L	LT	XL	2XL
Height	160~166	162~168	164~170	170~176	160~166	166~172	172~178	162~168	168~174	174~180	170~176	172~178
Chest	76~81	80~85	84~89	84~89	88~93	88~93	88~93	92~97	92~97	92~97	96~101	100~105
Waist	60~65	64~69	68~73	68~73	72~77	72~77	72~77	76~81	76~81	76~81	80~85	84~89
Hips	82~87	86~91	90~95	90~95	94~99	94~99	94~99	98~103	98~103	98~103	102~107	106~111

SIZE REFERENCE, INCH

Men	XS	S	MS	M	MT	ML	LS	L	LT	XLS	XL	XLT	2XL	2XLT
Height	66~69	67~69	66~68	68~71	70~73	69~71	67~70	70~72	72~74	69~71	71~73	73~76	72~74	74~77
Chest	34~36	35~37	37~39	37~39	37~39	39~41	40~42	40~42	40~42	42~44	42~44	42~44	43~45	43~45
Waist	29~31	30~32	32~34	32~34	32~34	33~35	35~37	35~37	35~37	37~37	37~37	37~37	38~40	38~40
Hips	35~37	36~38	38~40	38~40	38~40	39~41	41~43	41~43	41~43	43~44	43~44	43~44	44~46	44~46

Ladies	2XS	XS	S	ST	MS	M	MT	LS	L	LT	XL	2XL
Height	63~65	64~66	65~67	67~69	63~65	65~68	68~70	64~66	66~69	69~71	67~69	68~70
Chest	30~32	31~33	33~35	33~35	35~37	35~37	35~37	36~38	36~38	36~38	38~40	39~41
Waist	24~26	25~27	27~29	27~29	28~30	28~30	28~30	30~32	30~32	30~32	31~33	33~35
Hips	32~34	34~36	35~37	35~37	37~39	37~39	37~39	39~41	39~41	39~41	40~42	42~44

SUITS & ACCESSORIES

COLLECTION COLORS



Art. no.	Description
0280-4220	One Suit Sport, 5mm Male Blue XS
0280-4230	One Suit Sport, 5mm Male Blue S
0280-4240	One Suit Sport, 5mm Male Blue MS
0280-4241	One Suit Sport, 5mm Male Blue M
0280-4242	One Suit Sport, 5mm Male Blue MT
0280-4245	One Suit Sport, 5mm Male Blue ML
0280-4250	One Suit Sport, 5mm Male Blue LS
0280-4251	One Suit Sport, 5mm Male Blue L
0280-4252	One Suit Sport, 5mm Male Blue LT
0280-4260	One Suit Sport, 5mm Male Blue XLS
0280-4261	One Suit Sport, 5mm Male Blue XL
0280-4262	One Suit Sport, 5mm Male Blue XLT
0280-4270	One Suit Sport, 5mm Male Blue 2XL
0280-4271	One Suit Sport, 5mm Male Blue 2XLT
0280-4320	One Suit Sport, 5mm Male Red XS
0280-4330	One Suit Sport, 5mm Male Red S
0280-4340	One Suit Sport, 5mm Male Red MS
0280-4341	One Suit Sport, 5mm Male Red M
0280-4342	One Suit Sport, 5mm Male Red MT
0280-4345	One Suit Sport, 5mm Male Red ML
0280-4350	One Suit Sport, 5mm Male Red LS
0280-4351	One Suit Sport, 5mm Male Red L
0280-4352	One Suit Sport, 5mm Male Red LT
0280-4360	One Suit Sport, 5mm Male Red XLS
0280-4361	One Suit Sport, 5mm Male Red XL
0280-4362	One Suit Sport, 5mm Male Red XLT
0280-4370	One Suit Sport, 5mm Male Red 2XL
0280-4371	One Suit Sport, 5mm Male Red 2XLT
0280-4620	One Suit Sport, 5mm Male Black XS
0280-4630	One Suit Sport, 5mm Male Black S
0280-4640	One Suit Sport, 5mm Male Black MS
0280-4641	One Suit Sport, 5mm Male Black M
0280-4642	One Suit Sport, 5mm Male Black MT
0280-4645	One Suit Sport, 5mm Male Black ML
0280-4650	One Suit Sport, 5mm Male Black LS
0280-4651	One Suit Sport, 5mm Male Black L
0280-4652	One Suit Sport, 5mm Male Black LT
0280-4660	One Suit Sport, 5mm Male Black XLS
0280-4661	One Suit Sport, 5mm Male Black XL
0280-4662	One Suit Sport, 5mm Male Black XLT
0280-4670	One Suit Sport, 5mm Male Black 2XL
0280-4671	One Suit Sport, 5mm Male Black 2XLT
0280-4820	One Suit Sport, 5mm Male Grey XS
0280-4830	One Suit Sport, 5mm Male Grey S
0280-4840	One Suit Sport, 5mm Male Grey MS
0280-4841	One Suit Sport, 5mm Male Grey M
0280-4842	One Suit Sport, 5mm Male Grey MT
0280-4845	One Suit Sport, 5mm Male Grey ML
0280-4850	One Suit Sport, 5mm Male Grey LS
0280-4851	One Suit Sport, 5mm Male Grey L
0280-4852	One Suit Sport, 5mm Male Grey LT
0280-4860	One Suit Sport, 5mm Male Grey XLS
0280-4861	One Suit Sport, 5mm Male Grey XL
0280-4862	One Suit Sport, 5mm Male Grey XLT
0280-4870	One Suit Sport, 5mm Male Grey 2XL
0280-4871	One Suit Sport, 5mm Male Grey 2XLT

Art. no.	Description
0280-5210	One Suit Sport, 5mm Female Blue 2XS
0280-5220	One Suit Sport, 5mm Female Blue XS
0280-5230	One Suit Sport, 5mm Female Blue S
0280-5231	One Suit Sport, 5mm Female Blue ST
0280-5240	One Suit Sport, 5mm Female Blue MS
0280-5241	One Suit Sport, 5mm Female Blue M
0280-5242	One Suit Sport, 5mm Female Blue MT
0280-5250	One Suit Sport, 5mm Female Blue LS
0280-5251	One Suit Sport, 5mm Female Blue L
0280-5252	One Suit Sport, 5mm Female Blue LT
0280-5261	One Suit Sport, 5mm Female Blue XL
0280-5270	One Suit Sport, 5mm Female Blue 2XL
0280-5310	One Suit Sport, 5mm Female Red 2XS
0280-5320	One Suit Sport, 5mm Female Red XS
0280-5330	One Suit Sport, 5mm Female Red S
0280-5331	One Suit Sport, 5mm Female Red ST
0280-5340	One Suit Sport, 5mm Female Red MS
0280-5341	One Suit Sport, 5mm Female Red M
0280-5342	One Suit Sport, 5mm Female Red MT
0280-5350	One Suit Sport, 5mm Female Red LS
0280-5351	One Suit Sport, 5mm Female Red L
0280-5352	One Suit Sport, 5mm Female Red LT
0280-5361	One Suit Sport, 5mm Female Red XL
0280-5370	One Suit Sport, 5mm Female Red 2XL
0280-5610	One Suit Sport, 5mm Female Black 2XS
0280-5620	One Suit Sport, 5mm Female Black XS
0280-5630	One Suit Sport, 5mm Female Black S
0280-5631	One Suit Sport, 5mm Female Black ST
0280-5640	One Suit Sport, 5mm Female Black MS
0280-5641	One Suit Sport, 5mm Female Black M
0280-5642	One Suit Sport, 5mm Female Black MT
0280-5650	One Suit Sport, 5mm Female Black LS
0280-5651	One Suit Sport, 5mm Female Black L
0280-5652	One Suit Sport, 5mm Female Black LT
0280-5661	One Suit Sport, 5mm Female Black XL
0280-5670	One Suit Sport, 5mm Female Black 2XL
0280-5810	One Suit Sport, 5mm Female Grey 2XS
0280-5820	One Suit Sport, 5mm Female Grey XS
0280-5830	One Suit Sport, 5mm Female Grey S
0280-5831	One Suit Sport, 5mm Female Grey ST
0280-5840	One Suit Sport, 5mm Female Grey MS
0280-5841	One Suit Sport, 5mm Female Grey M
0280-5842	One Suit Sport, 5mm Female Grey MT
0280-5850	One Suit Sport, 5mm Female Grey LS
0280-5851	One Suit Sport, 5mm Female Grey L
0280-5852	One Suit Sport, 5mm Female Grey LT
0280-5861	One Suit Sport, 5mm Female Grey XL
0280-5870	One Suit Sport, 5mm Female Grey 2XL

SUITS & ACCESSORIES



ONE SHOE

Poseidon's One Shoe boot is made to fit with the design features of the One Suit. Made in Neoprene with waterproof back zipper from YKK. A Shoe worth wearing above and below the surface.

MATERIAL:

Made in Supratex with rubber sole, YKK Waterproof Zipper and elastic bungy cord.

TECHNICAL FEATURES:

Step in shoe with zipper in the back, elastic bungy cord to keep the shoe slim around the divers foot, high durability sole.

COLLECTION COLORS

Red/black Black/black Black/white



Art. no.	Description
0251-8636	One Shoe Black/BK Toe Sz 36
0251-8637	One Shoe Black/BK Toe Sz 37
0251-8638	One Shoe Black/BK Toe Sz 38
0251-8639	One Shoe Black/BK Toe Sz 39
0251-8640	One Shoe Black/BK Toe Sz 40
0251-8641	One Shoe Black/BK Toe Sz 41
0251-8642	One Shoe Black/BK Toe Sz 42
0251-8643	One Shoe Black/BK Toe Sz 43
0251-8644	One Shoe Black/BK Toe Sz 44
0251-8645	One Shoe Black/BK Toe Sz 45
0251-8646	One Shoe Black/BK Toe Sz 46
0251-8647	One Shoe Black/BK Toe Sz 47
0251-9636	One Shoe Black/WT Toe Sz 36
0251-9637	One Shoe Black/WT Toe Sz 37
0251-9638	One Shoe Black/WT Toe Sz 38
0251-9639	One Shoe Black/WT Toe Sz 39
0251-9640	One Shoe Black/WT Toe Sz 40
0251-9641	One Shoe Black/WT Toe Sz 41
0251-9642	One Shoe Black/WT Toe Sz 42
0251-9643	One Shoe Black/WT Toe Sz 43
0251-9644	One Shoe Black/WT Toe Sz 44
0251-9645	One Shoe Black/WT Toe Sz 45
0251-9646	One Shoe Black/WT Toe Sz 46
0251-9647	One Shoe Black/WT Toe Sz 47

EU	36		37		38		39		40		41	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
USA	4.5	6	5	6.5	6	7.5	7	8.5	7.5	9	8	9.5
UK	4	3.5	4.5	4	5.5	5	6.5	6	7	6.5	7.5	7
CM	23.5		23.8		24.5		25.1		25.4		25.7	

EU	42		43		44		45		46		47	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
USA	8.5	10	9	10.5	10.5	12	11.5	13	12.5	14	13.5	15
UK	8	7.5	8.5	8	10	9.5	11	10.5	12	11.5	13	12.5
CM	26		26.7		27.3		27.9		29.2		29.8	

SUITS & ACCESSORIES



PROGLOVE 2013

Based on current version with fewer design elements, available as 5 mm in black.

COLORS

Black



Art. no.	Description
0250-019	ProGlove 5 Finger, 5mm XXS
0250-020	ProGlove 5 Finger, 5mm XS
0250-021	ProGlove 5 Finger, 5mm S
0250-022	ProGlove 5 Finger, 5mm M
0250-023	ProGlove 5 Finger, 5mm L
0250-024	ProGlove 5 Finger, 5mm XL
0250-025	ProGlove 5 Finger, 5mm XXL

MATERIAL:

Ultra-stretch and comfortable neoprene with high durability lining on palm.

TECHNICAL FEATURES:

Long neck with velcro strap to keep water sealed off.
Coated palm for long durability,



MASKS & FINS

ATMOSPHERE

The Poseidon Atmosphere fullface mask is equipped with one of the world's highest performing regulators – the Poseidon Jetstream P.P.

It is approved for cold water, and in combination with the mask features a unique highly effective de-fogging system which keeps the field of vision clear even at water temperatures close or equal to freezing point. The mask has an antidistortion visor, with frosted sides to prevent reflections. The mask has positive pressure breathing which is activated via a switch that can be easily reached even with thick gloves on. The positive pressure breathing system is a fail safe construction which if not activated will allow demand valve breathing. The mask can of course be used in all attitudes without free-flowing.



COLLECTION COLORS

Black



Art. no.	Description
4960-M-BK	Atmosphere M Complete

Any standard communication system will fit the Poseidon mask. The mask has external buoyancy compensating weights which can also be used for mounting torches, video-cameras etc.

Developed initially for fighter plane pilots the mask was designed to be worn for up to six hours when the plane flies through chemical or biological war zones.

TECHNICAL FEATURES:

For optimum performance, the Atmosphere should be connected to an Xstream 1st stage.

- > Highly effective de-fogging system
- > Anti-distortion visor
- > Prepared for communication system

ATMOSPHERE

with Jetstream P.P. 2nd stage



Many technical divers, as well as the Swedish and American Navy, have chosen Jetstream as their favourite. The construction's simplicity guarantees high performance – as well as safety – regardless of diving conditions. This gives a regulator that is easy to breathe at any depth.

The Jetstream second stage is equipped with a safety valve in case a high pressure airflow occurs. This safety valve prevents the airstream from flowing out through the mouthpiece straight into your mouth. Instead, the construction will release the air into the water via the hose. In all cases it is possible to breathe from the second stage.

Tests conducted by the American Navy show that the Jetstream is the only regulator that, in cold water dives, manages to deliver the correct amount of air at extreme depths and rate of breathing. Jetstream also won the Swedish Navy's highest classification – of course well within the objective breathing test in cold waters.

POSEIDON FACT ATMOSPHERE

Poseidon is the only manufacturer with mouthpiece regulators approved for cold water service by US Navy. For details go to <http://www.supsalv.org/pdf/ANU.pdf>

ATMOSPHERE PACKAGE

- > Regulator with 70 cm hose
- > Warranty card
- > User guide

USERS

- > US Navy
- > Italian police
- > Technical divers

WHO SHOULD BUY

Sport divers
Under water photographers

POSEIDON FACT JETSTREAM P.P.

Jetstream P.P. fulfils the EU PPE 89/686/EEC directive and is approved according to the cold water standard EN 250:2000. The regulator has breathing performance that by far exceeds the demands of 3J/I at 50 m depth with a cylinder pressure of 50 bar.

ATMOSPHERE PACKAGE

- > Full face mask
- > Second stage with 70 cm hose
- > Warranty card
- > User guide
- > Poseidon neck strap
- > Name badge holders

WHO SHOULD BUY

Cold water divers
Public safety divers
Military
Sport divers
Technical divers

MASKS & FINS

PHANTOM

Poseidon's double-glass mask. Designed for best possible view area, a silicone mask that fits most faces. Flexible neck strap buckle for comfort.

COLORS



Art. no.	Description
0720-000	Mask Phantom - Black/Black, BS
0720-001	Mask Phantom - Black/Yellow, BS
0720-002	Mask Phantom - Black/Black, CS
0720-003	Mask Phantom - Black/Yellow, CS



MATERIAL:

PVC and silicon.

TECHNICAL FEATURES:

High-tech design delivers an impressively wide angle of vision. Available in multiple color combinations.

THREEDEE

A low volume mask that fits most faces. A robust frame and with optical lenses.

COLORS



Art. no.	Description
8700-BKBK BS	Mask 3D - Black/Black, BS
8700-BKKV BS	Mask 3D - Black/Kevlar, BS
8700-BKYW BS	Mask 3D - Black/Yellow, BS
8700-BKYW CS	Mask 3D - Black/Yellow, Clear Silic



MATERIAL:

Our exclusive ultralight two-lens mask has an ultra-light polymer frame and comfort fit skirt in high quality silicone. The side buckles swivel 45 degrees and are strong and easy to adjust. Colors include matt and metallic surfaces, and 'Poseidon yellow'.

TECHNICAL FEATURES:

Additional optical lenses available from -1.5 to -6.0

TECHNICA

Classic mask with ultra low volume. Very popular among technical divers and free divers.

COLORS



Art. no.	Description
8684-GKGA BS	Mask Technica, grey/black gomma



MATERIAL:

A compact mask with rubberised surface and double glass.

TECHNICAL FEATURES:

Low volume mask, great fit for most divers.

MASKS & FINS



TRIDENT FIN

Ideal for those who prefer a rigid rubber fin. Stainless steel strap for easy on and off. One of the shortest fins of its kind with an edge on the side for maneuverability. Highly popular among technical divers.



SNORKELING FIN

A shorter version of the Diving Fin, intended for the travelling snorkeler. Rigid rubber construction for good force.



DIVING FIN

A full foot fin for the travelling tropical diver who wants to have a fin that doesn't take much space but still gives a good force with every kick. The design follows the One Suit concept.

COLLECTION COLORS



Art. no.	Description
0710-052	Trident Fin Blue - Size M
0710-053	Trident Fin Blue - Size L
0710-054	Trident Fin Blue - Size XL
0710-055	Trident Fin Blue - Size XXL
0710-062	Trident Fin Red - Size M
0710-063	Trident Fin Red - Size L
0710-064	Trident Fin Red - Size XL
0710-065	Trident Fin Red - Size XXL
0710-032	Trident Fin Black - Size M
0710-033	Trident Fin Black - Size L
0710-034	Trident Fin Black - Size XL
0710-035	Trident Fin Black - Size XXL
0710-042	Trident Fin Grey - Size M
0710-043	Trident Fin Grey - Size L
0710-044	Trident Fin Grey - Size XL
0710-045	Trident Fin Grey - Size XXL
0710-022	Trident Fin Yellow - Size M
0710-023	Trident Fin Yellow - Size L
0710-024	Trident Fin Yellow - Size XL
0710-025	Trident Fin Yellow - Size XXL
NO SPRINGSTRAP	
0710-013	Trident Fin White - Size L
0710-014	Trident Fin White - Size XL
0710-015	Trident Fin White - Size XXL

MATERIAL:

Made from 100% rubber with rubber coated stainless steel strap.

TECHNICAL FEATURES:

- > Short rubber fin for the technical diver
- > Easy on and off
- > Stainless steel strap with easy grip
- > High force fin with edges for maneuverability

COLLECTION COLORS



Art. no.	Description
0715-022	Snorkeling Fin, Blue XS
0715-023	Snorkeling Fin, Blue S
0715-024	Snorkeling Fin, Blue M
0715-026	Snorkeling Fin, Blue L
0715-027	Snorkeling Fin, Blue XL
0715-032	Snorkeling Fin, Red XS
0715-033	Snorkeling Fin, Red S
0715-034	Snorkeling Fin, Red M
0715-036	Snorkeling Fin, Red L
0715-037	Snorkeling Fin, Red XL
0715-062	Snorkeling Fin, Black XS
0715-063	Snorkeling Fin, Black S
0715-064	Snorkeling Fin, Black M
0715-066	Snorkeling Fin, Black L
0715-067	Snorkeling Fin, Black XL
0715-082	Snorkeling Fin, Grey XS
0715-083	Snorkeling Fin, Grey S
0715-084	Snorkeling Fin, Grey M
0715-086	Snorkeling Fin, Grey L
0715-067	Snorkeling Fin, Grey XL

MATERIAL:

Made from 100% rubber.

TECHNICAL FEATURES:

Full foot compact fin, good for snorkeling.

COLLECTION COLORS



Art. no.	Description
0715-124	Diving Fin, Blue M
0715-126	Diving Fin, Blue L
0715-127	Diving Fin, Blue XL
0715-134	Diving Fin, Red M
0715-136	Diving Fin, Red L
0715-137	Diving Fin, Red XL
0715-164	Diving Fin, Black M
0715-166	Diving Fin, Black L
0715-167	Diving Fin, Black XL
0715-184	Diving Fin, Grey M
0715-186	Diving Fin, Grey L
0715-187	Diving Fin, Grey XL

MATERIAL:

Made from 100% rubber.

TECHNICAL FEATURES:

A full foot diving fin. Good for freediving and snorkeling.

MASKS & FINS



SPORTS FIN

In collaboration with Mares, Poseidon launches its new, light weight Sports Fin. Featuring a quick release strap system, the fin is very flexible through its combination of PVC, rubber and silicone. The fin gives high forward force. Available in the One Series Colors.

COLLECTION COLORS



Art. no.	Description
0715-222	Sports Fin, Blue S
0715-224	Sports Fin, Blue M
0715-226	Sports Fin, Blue L
0715-232	Sports Fin, Red S
0715-234	Sports Fin, Red M
0715-236	Sports Fin, Red L
0715-262	Sports Fin, Black S
0715-264	Sports Fin, Black M
0715-266	Sports Fin, Black L
0715-282	Sports Fin, Grey S
0715-284	Sports Fin, Grey M
0715-286	Sports Fin, Grey L


MATERIAL:

Plastic in combination with rubber and silicone.


TECHNICAL FEATURES:

Light weight fin that's good for travelling, semi-flexible for comfort and force, adjustable heel strap with quick release system.

SIZE CHART, RUBBER FINS

	Description	Size	USA	France	Japan	Length (cm)
	Trident Fin	M	6-8	39-41	24-25	46
	Trident Fin	L	9-11	42-44	26-27	48.5
	Trident Fin	XL	12-13	45-46	28-29	51
	Trident Fin	XXL	13-15	46-48	30	52

	Snorkeling Fin	XXXS	12-1	32-34	16-18	40
	Snorkeling Fin	XXS	1-3	34-36	18-20	42
	Snorkeling Fin	XS	3-5	36-38	20-23	44
	Snorkeling Fin	S	5-7	38-40	23-25	46.5
	Snorkeling Fin	M	7-9	40-42	25-27	49
	Snorkeling Fin	L	9-11	42-44	27-29	52
	Snorkeling Fin	XL	11-13	44-46	29-31	54.5
	Snorkeling Fin	XXL	13-15	46-48	31-33	57

	Diving Fin	M	7-9	40-42	25-27	69
	Diving Fin	L	9-11	42-44	27-29	71
	Diving Fin	XL	11-13	44-46	29-31	73

BAGS, CASES & OTHER ACCESSORIES



IPAD CASE

Waterproof casing for iPad available in black Nylon 1680.

COLORS

Black



Art. no.	Description
0650-010	iPad Case Black



LAPTOP CASE

Waterproof casing for Laptops 15" and 17". Made in Nylon 1680.

COLORS

Black



Art. no.	Description
0650-011	Laptop Case Black



DAY PACK BAG

Poseidon's travel bag in ballistic nylon with water valves for wet equipment.

COLORS

Black



Art. no.	Description
0650-006	Day Pack Bag

MATERIAL:

Ballistic Nylon, Nylon straps, YKK waterproof zipper.

TECHNICAL FEATURES:

Waterproof side pockets, main pocket with holes in bottom, inside padding with additional asseccory pockets.



BALLISTIC GEAR BAGS

Poseidon's gear bags are waterproof, made in ballistic nylon and designed to withstand the toughest environments and challenges.

Only available in Black.

Sizes : 110 L, 52 L and 20 L.

COLORS

Black



Art. no.	Description
0650-001	Ballistic Gear Bag Black 20 L Removable camera insert
0650-002	Ballistic Gear Bag Black 52 L
0650-003	Ballistic Gear Bag Black 110 L

MATERIAL:

Made in Ballistic Nylon 1680.

TECHNICAL FEATURES:

Dry bags with additional outside pocket, inside lining with pockets, padded shoulder strap.



TRIM WEIGHT POCKET

Weight pocket to be used to modify the divers trim. Easily mounted on the tank band.

COLORS

Black



Art. no.	Description
0350-010	Trim Weight Pocket

MATERIAL:

1680D Nylon in black.

TECHNICAL FEATURES:

Fits 2kg/4lbs.



NECKSTRAP

Ultra comfortable neckstrap in 2 mm neoprene with anti-slide velcro.

COLORS

Black



Art. no.	Description
3709 06	Nackband mask neopr. Velcro

MATERIAL:

Jako neoprene in 2 mm. Available in Black with Poseidon rubber logo.

TECHNICAL FEATURES:

Anti-slide velcro patches.

BAGS, CASES & OTHER ACCESSORIES



LINE CUTTER

Titanium line cutter with multifunction casing, both velcro and webbing.

COLORS

Titanium with black case



Art. no.	Description
0655-002	Line cutter



MULTITOOL

Rubberised multitool with most commonly used tools for diving.

COLORS

Black



Art. no.	Description
0655-003	Multi tool Metric



RETRACTOR

Heavy duty steel cord retractor for underwater use.

COLORS

Black



Art. no.	Description
0655-001	Retractor



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