OCEANREEF®
underwater, naturally.

Expand your horizons!

sport catalog 2017

WE WERE ALL BORN FROM THE SEA.
Maybe that's why we're so irresistibly attracted to it.

•

As soon as we're immersed in it, once again we turn to breathe, we feel we're back to our true natural setting. In our every effort, every thought, every dream, the sea finds its way. We yearn to be back in it to better observe it, to admire its grandness, always with new eyes.

•

To be back in it, to be astonished by it and to share its wonders with our friends.
To be back in it to imbue new life to the very place that's been witness to the birth of it all.

•

OCEANREEF®
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blinkar

Ocean Reef
relies on the innovative technology of Augmented reality developed by Blinkar, in order to improve the experience of the reader with digital contents and multimedia, easy to consult.
The interactive contents are indicated by the logo (logo blinkar). To activate these contents you just have to install the app Blinkar, focus the image and start with a clic.
Enjoy!

EVOLUTION IS IN THE AIR

SNORKEL & BREATHE LIKE MOTHER NATURE TAUGHT US

Goodbye jaw discomfort, goodbye difficult breathing and goodbye water in your snorkel. For good. With Aria you breathe through your nose, while the dry top prevents water from getting in the snorkel. Now your mouth is free to say: WOW!

AUGMENTS YOUR FIELD OF VISION, THE MOST!

Aria has the largest field of vision of any mask out there. To that we added light colors for the brightest experience ever.

watch the video

S/M code OR015010

L/XL code OR015020

XS code OR015050

ARIA

OCEANREEF®
underwater, naturally.

NO MORE FOGGING PROBLEMS

Goodbye defoggers, hassles and lost opportunities to see the fish of a lifetime. Aria's breathing circulation inside the mask's frame guarantees no fogging and no extra stress. Just take it out and jump in.

YOU CAN EVEN ATTACH A CAMERA TO YOUR ARIA

Aria's also equipped with a dock for sport cameras – you can record and relive your experience any time you want. Just take it out and jump in.

watch the video

CHOOSING YOUR COLOR

WHITE

S/M size OR015012
L/XL size OR015022

BLACK

S/M size OR015015
L/XL size OR015025

PINK

XS size OR015053
S/M size OR015013

ORANGE

S/M size OR015014
L/XL size OR015024

BLUE

XS size OR015051
S/M size OR015011
L/XL size OR015021

GREY

XS size OR015050
S/M size OR015010
L/XL size OR015020

CHOOSING YOUR SIZE

>11,5 cm (4.5") L/XL

<11,5 cm (4.5") S/M

<10 cm (3.9") XS kids

L/XL S/M XS kids

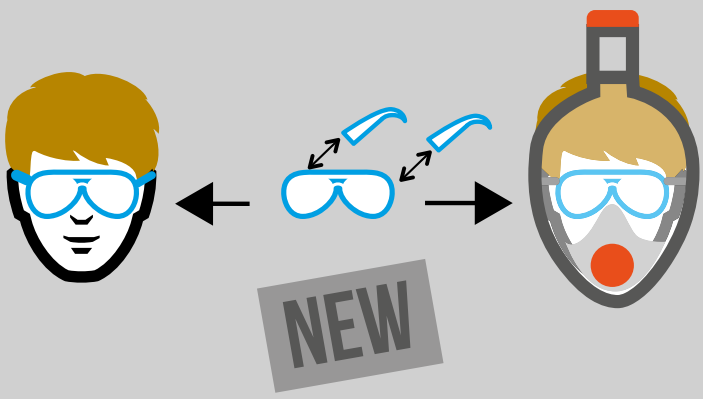
ACCESSORIES

MASK STRAP

- Black OR001580
- Yellow OR001581
- Green OR001582
- Purple OR001583
- Sea blue OR001584

IN & OUT OF THE WATER

NEW OPTICAL LENS SUPPORT



Grey/grey OR033300

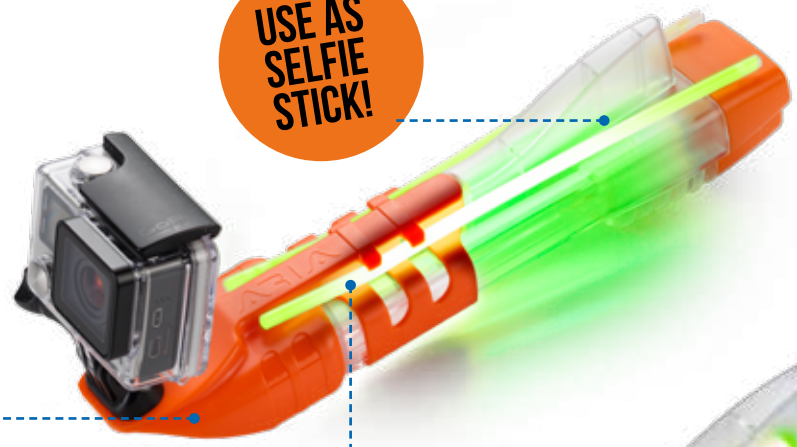
Blue/blue OR033301

Grey/blue OR033302

Blue/grey OR033303

HOLDER W/CAMERA SUPPORT
(code OR001590)

USE AS SELFIE STICK!



MARKER WINGS

- Black OR001592
- Clear OR001593
- White OR001594
- Yellow OR001595
- Green OR001596
- Purple OR001597
- Sea blue OR001598

OPTICAL LENS SUPPORT (code 33299)

Compatible with IDMs M/L
Aria, Sea Vu Dry S/M, L/XL
Easybreath M/L, L/XL

WHY DIVE AN OCEAN REEF IDM
(INTEGRATED DIVING MASK)

JAW FATIGUE
- Nothing to bite on.
- Frees mouth to communicate, drink.
- Enables nose breathing.

FOGGING
- No product treatment needed
- No fogging thanks to the air circulation system.

MASK PRESSURE EQUALIZATION
- Breathing apparatus integrated into the mask means automatic pressure equalization at each inspiration.

FLOODING
- Face seal as explained later.
- Breathing inside the mask automatically purges water through the draining/exhalation valve if water were to be inside the mask for any reason. When voluntarily flooding the mask, a couple purges of the second stage button completely clear the water from the mask.

REGULATOR CHARACTERISTICS
- Pneumatically balanced second stage provides consistent ease of breath at any tank pressure.
- Adjustment knob provides the diver with the requested amount of air flow under all circumstances.
- Dive/pre dive lever (Venturi) helps avoid surface free flow in harsh conditions.
- CE certification in accordance with 89/686/CEE directives under UNI EN250 standard rules for underwater activities.
- CE certification includes low temperatures (<50°F or <10°C).

FACE SEAL
- Patented bellows double "S", "spring profile", skirt.
- Larger sealing surface.
- More comfort thanks to the "floating effect" on the face.
- Available in 2 sizes.
- Seal capability derived from gas mask applications (CBRN tests) – the hardest test possible a face seal has to withstand.

FIELD OF VISION
- Larger field of vision than competitors (italcert Certification PPE-05 Rif 1332/05).
- Visible light transfer of the visor is 92%, meaning a clearer view.
- Designed wider and sits closer to the face than other visors, giving a broader field of vision and less volume buoyancy.

3D EQUALIZATION SYSTEM

- Patented design.
- 3 way directional adjustment system: up/down, wide/narrow, close/far. Made for maximum comfort and nose breathing.
- Pushing the mask towards the face when needed causes the plugs to create a nasal seal.

AIR CIRCULATION

- Air circulation is achieved with an orinasal pocket so that CO2 build-up is not mixed with fresh air.
- One-way circulation keeps mask clear.

SURFACE AIR VALVE

- Easy to grab, sturdy design.
- Large air vents.
- Allows IDM divers to breath ambient air when at the surface, without having to take off the mask.

DIRECTIONAL EXHAUST (OPTIONAL) & DRAINING VALVE

- Large, one way valves drain any water and air in the mask during exhalation.
- Purging the regulator will drain water even faster.

watch the video

DURABILITY AND SCRATCH RESISTANCE

- Transparent polycarbonate visor made in Italy.
- Both sides are coated in siloxane resin for improved scratch and chemical resistance.
- Impact resistance tested by STANAG 4296 standards: impact of a steel ball traveling at 540 kph (335 mph).

HEAD HARNESS AND FAST ROTATING BUCKLE II

- Head harness attached to the face shield not on the skirt meaning no tearing and much better resistance to tugging.
- Six straps meaning no risk of losing reg if unconscious (much greater chance of surviving such an event) or violently hit.
- Wide strap tips for easy grasping.
- Fast rotating buckle system (different configurations per model) for comfortable and quick doffing and donning on the surface and secure, fast operations during underwater bail out or wearing.

WHITE

S/M size OR025012
M/L size OR025011

EMERALD

S/M size OR025018
M/L size OR025017

COBALT

S/M size OR025016
M/L size OR025015

PINK

S/M size OR025014
M/L size OR025013

ACCESSORIES

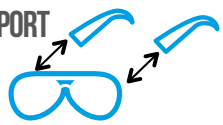
G.DIVERS SURFACE AIR VALVE – SAV
(code OR025020)

The Neptune Space G.divers may be equipped with a surface air valve (SAV) that allows the diver to breathe ambient air while at the surface. The SAV may be easily assembled on the octopus/SAV port. Each SAV comes with 4 colored silicone rings to match the mask color.

OPTICAL LENS SUPPORT
(code 33299)

A frame specially designed for the Neptune series of masks which allows the use of standard optical lenses (not included) while diving. Both lightweight and strong, the frame can be easily inserted and removed in the mask thanks to the seal side slots.

NEW OPTICAL LENS SUPPORT
(see page 8)



Compatible with IDMs M/L Aria, Sea Vu Dry S/M, L/XL Easybreath M/L, L/XL

EXTRAFLEX QUICK CONNECT HOSE
(code OR024998)

This device allows for quick and easy connection and disconnection at the 2nd stage. The Extraflex hose made with a four layer technology with an inner layer of non toxic polyurethane blend, first reinforcement in polyester, thermo-rubber jacket and polyethylene external anti scratching reinforcement. Available in 32"/800mm black (code OR024998) and 48"/1200 mm yellow (OR024997).

1ST STAGE SL35TX

SL35TX INT (code 9922)

SL35TX DIN 300 bar (code 9923)

SL35TX Nitrox M26x2 (code OR009927)

SWIVEL CONNECTION
(code 33033)

Made of chromium plated brass, this device allows freer movement when attached to the second stage. The swivel connection can be used in conjunction with the quick connect hose.

OCTOPUS PORT
(code 33020: S, code 33021: M)

It is possible to connect an octopus to the Neptune Space G.divers thanks to a special adapter that allows the user to install a majority of conventional 2nd stages by removing the mouthpiece. The adapter is available in two sizes, medium (standard) and small.

NEPTUNE MASK MEASURING KIT
(code 33075)

For determining mask size, this kit contains the following items:
- Measuring tool (caliper)
- Full face mask size recommendation chart
- Measuring instructions

The Neptune Space G.divers is available with a 1st stage (sold separately).

The SL35TX high performance, 1st stage has a balanced diaphragm with anti-freeze kit. It has an adjustable intermediate pressure and is made of brass with a plated chromed finish body, stainless steel piston, Teflon seat, and stainless steel spring. It is available with the following characteristics:
- 2 high pressure ports 7/16 -20 UNF
- 4 low pressure ports 3/8-24 UNF
- Flow rate of approx. 4800 l/m at 140 bars

Standard yoke connection 200 bar or DIN connection 300 bar

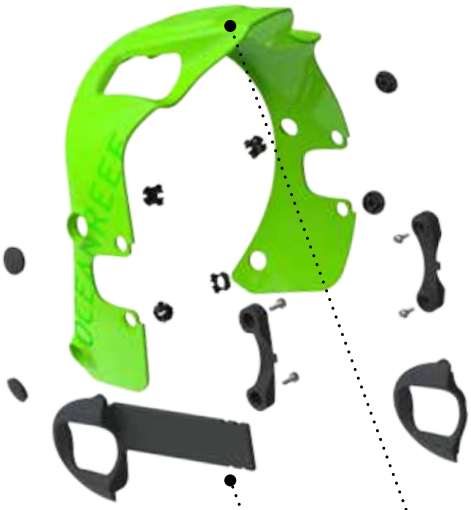
SL35TX INT (code 9922)
SL35TX DIN 300 bar (code 9923)
SL35TX Nitrox M26x2 (code OR009927)
Thread in according with European rules

Neptune Space G.divers complies with CE Certification in accordance with 89/689/EEC directives under the UNI EN250 standard rules for underwater activities, including low temperatures (<50°F).

EXTENDER KIT

100% RETROFITTING on Space models since 2006; Raptor; Gdivers IDMs

The Space Extender is ready to extend your scuba activities to whatever you want: not only can you communicate with your buddies during the dive, thanks to the MHA2 support and the new improved NACS, but it's also equipped to mount up to 3 sport cameras (or similar systems) and a lot of free surface area to drill and customize to your needs.



CHOOSING YOUR COLOR

EXTENDER KIT

- Black OR025040
- Yellow OR025041
- Orange OR025042
- Green OR025043
- White OR025044

NEW NACS | **FRAME** | **CUSTOMIZE** | **MHA2 ADAPTER**

CAMERA/DIVING TOOLS SUPPORT

Versatile supports with clicking, 30 degree angle rotation, to attach whatever you need to your IDM.

COMMUNICATION

CAMERA

LIGHT

EXTENDER CAMERA & TORCH REMOVABLE SUPPORT

code **OR025060**

Holds anything cylindrical up to about 70mm (2.7inch) in diameter with re-openable, heavy duty zip ties.
Slide comes off when needed for handling – snaps in easily and holds in place.
Adds also horizontal angle possibilities (adding to the 30° vertical of the accessory support).
Compatible with standard GoPro fitting.

MHA2 ADAPTER

For use with OCEAN REEF's GSM Gpower SL earphone comm unit.

STREAM LINED

INTEGRATED

MODULAR

watch the video

CHOOSING YOUR COLOR

EXTENDER FRAME

- Black OR025050
- Yellow OR025051
- Orange OR025052
- Green OR025053
- White OR025054

EXTEND YOUR COLOR PALETTE

You want to customize your IDM? Customize the style, or maybe just have a couple more surfaces to drill and mess with a little, experimenting with new ways to streamline your set up? Extender Frames are available sold separately as well, in all 5 colors. You just have to mount it on your IDMS with a click.

VISOR LIGHT

Visor lights, pre assembled on any G.Divers (mask sold separately)	OR024502
Visor lights (applicable on any G.Divers mask)	33380

Integrated Head light with 6 Powerful LEDs
The on/off switch is installed in the surface air valve port, without impairing the function of the SAV.
Features

- 75-lumen output/LED
- 100,000-hour light life
- 12 degree beam angle
- Light color TYP 5,500 – MAX 10,000 K°
- 3 hours burn time, depending on the type of rechargeable battery
- Waterproof to 80 m (260 ft)
- Rechargeable CR 123 3v lithium battery included
- 12v battery charger
- Vehicle power connector cable included.

NOTE: These lights are not designed to be a primary light source.

watch the video

Visor Lights are available pre-assembled on a mask (on demand) or may be applied on any mask using prepared adhesive tape (coming with LEDs sticker).

UNDERWATER COMMUNICATION UNITS

Since the beginning of SCUBA diving, divers have wanted to talk to each other underwater. So far, the only feasible systems for audio communication have been available only to commercial divers. Unfortunately, these systems were also complicated, cumbersome, and expensive.
However, OCEAN REEF has designed a communication system which is easy to use, lightweight, and within a recreational diver's budget. The OCEAN REEF underwater communication system adds a whole new dimension to dive safety and enjoyment by connecting divers with each other and with partners on the surface.
It includes a diver transceiver unit (GSM G.divers), a receiving unit for diver wearing a conventional mask and regulator (M101A G.divers) and a portable surface underwater communication transceiver to be used on board or on the shore (M100 G.divers).

GSM G.DIVERS

(code OR033109)

The underwater communication allows a great evolution of the diving activity and an outstanding improvement of the underwater instruction and education. Besides, the underwater communication is also making the diving activity safer and more enjoyable.
The new GSM G.divers transceiver (high performance communication system) expands the diver's ability to communicate with others verbally.
The ultrasonic transceiver boasts the autonomy of approximately 30 hours in receiving mode, a range of operation of 200-250 meters (calm sea water), lightweight and sleek design. It is a powerful, single channel and inexpensive PTT (push to talk) underwater wireless communication unit. The unit automatically activates upon contact with the water and it uses a 9V alkaline battery with a "low battery" alarm which beeps every 30 seconds when the battery is low.
The GSM G.divers communication unit is the perfect addition to any training class or guided tour and operates on the same frequency as all other OCEAN REEF units and most popular wireless communication units on the market.
GSM G.divers uses a D-Mic, a special microphone with the housing sealed by hydrophobic membrane which is permeable to air, but prevents water from passing through the electronics.
The membrane's reduced thickness limits any reduction of the vocal signal. The permeability of the membrane keeps the internal pressure equalized with the external pressure, enabling the microphone to be used at practically any depth. Each GSM G.divers comes with the NACS™ (Neptune Adjustable Communication Support) (code 33054). The patented NACS™ is an adjustable support arm for the GSM G.divers and other OCEAN REEF underwater communication units. It can be installed on the left side of the mask and prevents the communication unit from hanging on the mask strap. By relieving the weight of the communication unit, the NACS™ also allows the mask strap to slide easily through the buckle; thus, the strap can stay loose while the mask is donned and the communicator stays out of the way. The NACS™ can be adjusted for tilt and distance between the communication unit and the visor.

DAMPER

(code OR023006)

When communicating underwater at short distance or in closed environments, it is often possible that audio distortion is caused by excessive transmission strength. The transmitters are relatively powerful, and if they are used in a pool or very close to each other, distortion can be created. The audio goes "off the scale", and becomes difficult to understand.
The "Damper" can be inserted on the antenna; it is made of a spongy material with many tiny air pockets. The combination of the two materials creates the filter needed to reduce the transmission power as needed and make conversation intelligible again.

M101A G.DIVERS

(code 33107)

The M101A G.divers is a receive-only unit operating on one channel. The M101A fits on any conventional mask strap or full face mask models. It might be held and shared by more divers thanks to the high quality speaker. The M101A's reception is so strong that, infact, it is not always necessary to attach it to the mask strap.
A diver may hold the unit or attach it to a BC, allowing other divers to listen to the transmission (dependent upon environmental conditions and distance). The unit automatically activates upon contact with the water.
The M101A uses a 9V alkaline battery and has a "low battery" alarm which beeps every 30 seconds when the battery is low. The M101A unit's total battery life is approximately 30 hours.

DAMPER

M100 G.DIVERS PORTABLE SURFACE TRANSCEIVER

(code 33165)

The M100 G.divers is a portable surface transceiver unit that may be worn on the operator's belt. This is a high performance, compact, and easy to use unit. It is made to respond to the demands of communicating with divers in action without carrying expensive, complicated and heavy units. The size of the main unit is similar to a cellphone.
The main unit has a PTT (Push to Talk) button and a headphone/microphone connector. The unit turns on when the headphone/microphone is connected to the main unit. The unit turns off automatically when the headphone/microphone is removed.
A 10 meter (33 feet) transducer cable connects to the main unit and is lowered into the water.
The operator may control the depth of the transducer. It operates on one channel and uses a 9V replaceable alkaline battery with autonomy of approximately 30 hours. The range of operation is approx 200 meters (600 feet).
The unit comes with the following items:

- 10 meter (33 feet) transducer cable
- Headphone/microphone
- Screwdriver.

NEPTUNE SYSTEM TRAINING PROGRAM

The Neptune System Training Program (NSTP) is designed to teach the safe use of OCEAN REEF full face masks and underwater communication system. A large section is dedicated to the proper education of how to communicate underwater with an innovative training system to make the team members more efficient and understandable while communicating.

The program has been developed by the R&D department of OCEAN REEF with the support of Course Directors, Instructor Trainers and Instructors around the world.
OCEAN REEF can also provide educational material for certified instructors.

The NSTP is a friendly step-by-step learning program of "why" and "how" to use / teach with an OCEAN REEF full face mask, its accessories and the communication units.
The program is designed to improve the instructor's knowledge and familiarity of an important and sometimes overlooked area of diving activity.

READ MORE ON OCEANREEF WEBSITE

diving.oceanreefgroup.com/training

watch the video

INSTRUCTOR KIT

ASK FOR A QUOTE (AVAILABLE ONLY IN CERTAIN AREAS)

IDM + **GSM G.DIVERS + QUICK CONNECTION** + **M101A** =

Talk to your **STUDENTS**
Keep them **COMFORTABLE**
Keep them **ENTERTAINED**

Brief them underwater **AGAIN AND AGAIN**

Correct their **EXCERCISES**

Benefit from a safer learning environment
Turnover your classes quicker and with

A MORE KNOWLEDGABLE STUDENT!

watch the video

BECOME AN ITC !

(International Training Center)

VISIT AN ITC !

(International Training Center)

• Bonaire
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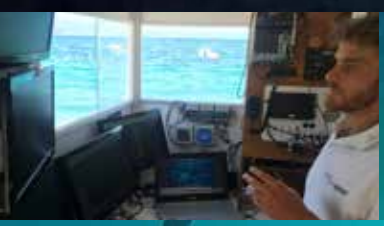
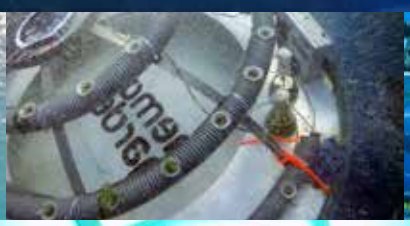
Enjoy!





nemo's garden

OUR STORY, OUR ADVENTURE

4 years ago Sergio Gamberini was enjoying his summer vacation in Noli, Italy.
Scuba diving has always been not only a business related activity, but a passion and a hobby deeply rooted inside him. Everything related to life in the ocean always has had a special place in his heart. His life could be described as constant hard working, family and the ocean.

Having said that, you can easily understand that nobody was surprised when he came up with yet another idea to work at while on vacation.
But this time the idea sounded really, really strange…

So, there he goes, he makes a couple of phone calls and starts building, with the help of his team at Ocean Reef Group, a number of small transparent balloons – then, they sink them and fill them with air while underwater, they anchor them and ultimately, plant seeds in a vase inside!

The idea he had was to utilize the properties of the large bodies of water – constant temperature, united with the natural evaporation of a surface of liquid in contact with an air space – to try creating an underwater greenhouse!

Years of experimentation down the road, a number of biospheres created, basil crops, rough seas that destroyed everything, live web streaming from underwater, studies, data collecting, we now move the experiment's site to the next level: more biospheres, more designs, more sensors, more cabling, hydroponic culture, more webcams etc etc.

Find out more at www.nemosgarden.com

watch the video

OCEANREEF®
underwater, naturally.

Ocean Reef Group

OCEANREEF
underwater, naturally.
SAFETY

protection equipment
engineering
electronics

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