



**mares**



**mares** | **XR**  
extended range

# buyer's guide



**2017**

**mares** |   
pure instinct



**mares** |   
diving center



MISSION / INTRO

In 1949, Ludovico Mares designed and manufactured his first masks and spearguns with one purpose in mind: to share his extreme passion for the sea and diving with the rest of the world. At the beginning, Mares was just a small factory in Rapallo; today, more than 68 years later, the Italian based company dominates the scuba diving world with leading design and technology. Over the past six decades, Mares has come a long way by achieving new goals and taking diving to new extreme heights and depths. Mares represents only the best in dive products.

Over the past 68 years, Mares has become the worldwide leader in manufacturing and distribution of state-of-the-art diving equipment and is continually setting new industry standards. Constant investment in innovation and continuous advanced research combined with the expertise of our staff makes Mares the leader in the production of safe and reliable underwater equipment. The best of Mares is combined in every product to meet the needs of each and every diver.

Our mission is to ensure you

ENJOY DIVING WITH ADVANCED PERFORMANCE  
THROUGH SUPERIOR TECHNOLOGY.

We invite you to take a trip through our catalog, and plunge into the world of Mares. You will find a collection of fantastic new products with superior technology and extreme emotion at the core.

Without our love and undisputed passion for the sea, our brand would not be what it is today. There is a sense of emotion and dedication rooted from our legendary founder that is felt at an extreme level by everyone at Mares. Even though we use state-of-the-art machinery and the most sophisticated electronic equipment, the core of our business and the spark that makes it all happen is still the same today as it was 68 years ago: passion.

COMPANY / PROFILE

Would Ludovico Mares ever have imagined that over the course of 68 years his small factory in Rapallo would become the worldwide leader in the production and distribution of diving equipment?

Mares was founded in 1949 by former Istrian diver Ludovico Mares, who served in the Austrian Navy during World War I. Mares quickly became a small industrial company with a continuous increase in sales and never an absence of ideas for new and improved products. As the passion for diving grew around the world in the late '60s, the company expanded into the European diving and snorkeling market. Between 1978 and 1982, Mares earned an undisputed place as the global market leader in fins: today nearly all diving and snorkeling fins are produced using plastic materials, according to the manufacturing process invented by Mares. The company also rose quickly to the top of the regulator market, becoming an uncontested leader as well. Today, Mares has a presence in over 80 countries around the world and is internationally recognized as the leading company in the manufacturing of diving products featuring only the best in cutting edge technology.

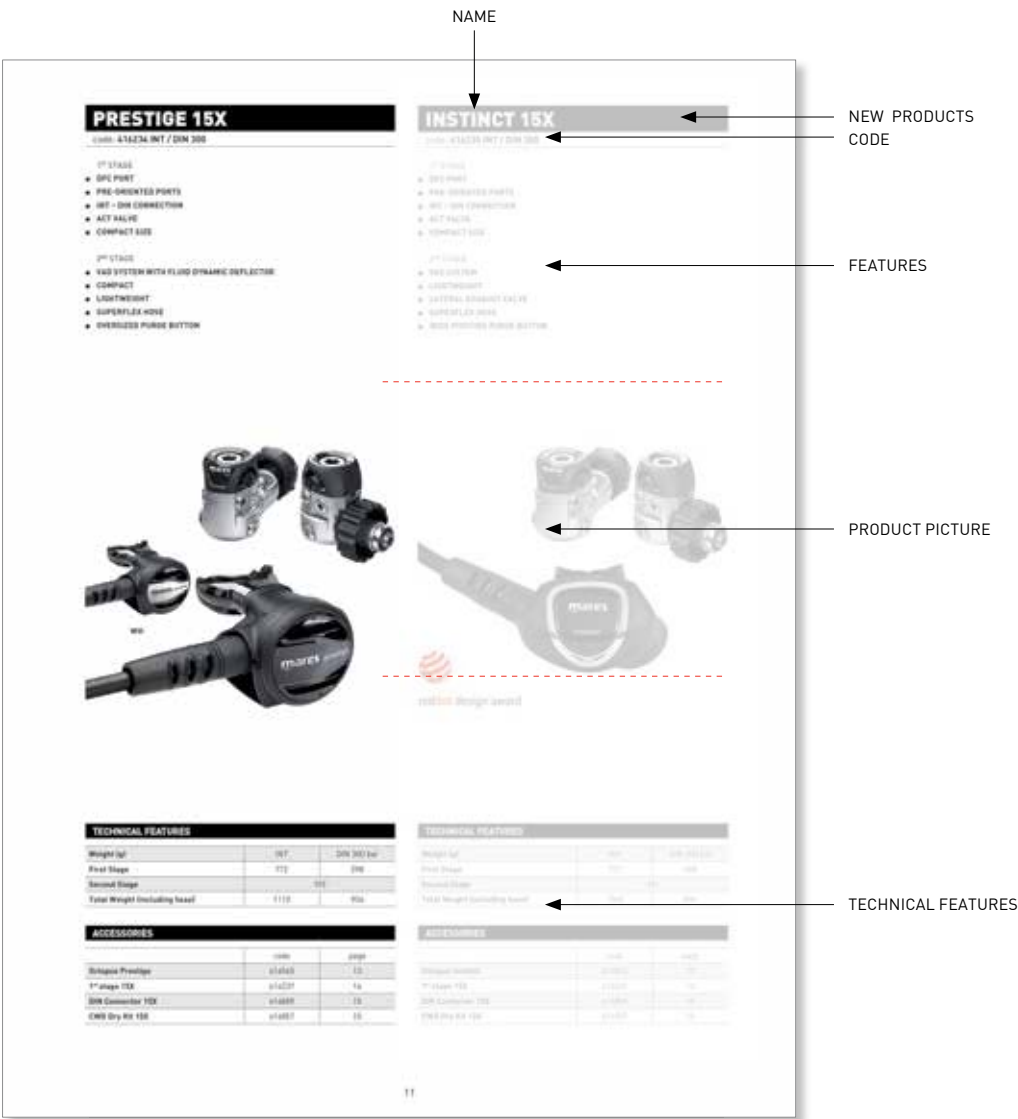
Every solution Mares offers represents the forefront of today's technology and is the result of the best in Italian design. A complete passion for the sea and an all-encompassing vocation implanted in the history of its legendary founder is felt at a continuous powerful level by everyone on the Mares staff. Mares has always been the best the diving industry has to offer. We will continue striving towards greater design and innovative technology.

Mares has proven its superior excellence in all waters with the 2017 collection. Over the past 68 years Mares has developed a total of five different brands to meet the needs of every person with a passion for watersports. Our well known line for enthusiastic scuba divers, the new XR line to extend a diver's range and limits, the Pure Instinct line for demanding freedivers and spearfishermen, the Mares rental line for Dive Centers, and our Aquazone line for those who enjoy swimming and snorkeling. As we progress towards the future, we will continue our research and design for new products to meet the needs and desires of all those who have a passion for the sea.

HOW TO READ

The 2017 Mares catalog contains all of Mares' products: a complete collection of the latest equipment, filled with innovative product features, designed to meet and satisfy the needs and dreams of every individual diver. This catalogue has been developed specifically to help you the dealer make the best choices when selecting which products and technologies will best fulfill your customer's needs.

Keep on reading and enjoy the new 2017 Mares Collection.



Not all items are available in every country, please check with your local Sales Representative or Customer Service Department.





scuba diving

extended range

pure instinct

diving center



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# scuba diving

**mares**





regulators

LOOP 15X

code: 416241 INT / DIN 300

NEW

- 1<sup>ST</sup> STAGE
- DFC PORT
  - PRE-ORIENTED PORTS
  - INT – DIN CONNECTION
  - ACT VALVE
  - COMPACT SIZE
- 2<sup>ND</sup> STAGE
- CAN BE MOUNTED ON THE RIGHT OR THE LEFT SIDE
  - FREEDOM OF MOVEMENT IN ALL DIRECTIONS
  - “UNDER THE SHOULDER” HOSE POSITION
  - INTEGRATED SAGITTAL VAD (S-VAD)
  - TWIN EXHAUST VALVES
  - OVERSIZED SILICONE PURGE BUTTON



TECHNICAL FEATURES

Weight (g)	INT	DIN 300
First Stage	772	598
Second Stage	199	
Total Weight (including hose)	1146	972

ACCESSORIES

	code	page
Octopus Loop	416548	14
1 <sup>st</sup> stage 15X	416237	13
DIN Connector 15X	416809	16
CWD Dry Kit 15X	416857	16

DETAILS



Sagittal VAD



Twin exhaust valve



Silicone purge cover



Performance-optimizing deflector



# FUSION 52X

code: 416233 INT / DIN 300

- 1<sup>ST</sup> STAGE
- DOUBLE DFC PORTS
  - PRE-ORIENTED PORTS
  - INT – DIN CONNECTION
  - ACT VALVE
  - NCC TECHNOLOGY
- 2<sup>ND</sup> STAGE
- TWIN POWER SYSTEM
  - VAD SYSTEM
  - HIGHEST AIR FLOW
  - SUPERFLEX HOSE
  - WIDE PIVOTING PURGE BUTTON



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300
First Stage	687	513
Second Stage	327	
Total Weight (including hose)	1161	984

## ACCESSORIES

	code	page
Octopus Fusion	416544	14
1 <sup>st</sup> stage 52X	416231	13
DIN connector 52X	416809	16
CWD Dry Kit 52X	416857	16

## DETAILS



Flow Control (Twin Power System)



A.C.T. Valve - Advanced Coating Technology



Easy to purge, even with thick gloves



Smoother flow, optimizing the performance

# CARBON 52X

code: 416162 INT

- 1<sup>ST</sup> STAGE
- DOUBLE DFC PORT
  - PRE-ORIENTED PORTS
  - INT CONNECTION
  - ACT VALVE
  - NCC TECHNOLOGY
- 2<sup>ND</sup> STAGE
- VAD SYSTEM
  - EXTREMELY LIGHTWEIGHT
  - CARBON TECHNOLOGY
  - SUPERFLEX HOSE
  - SUPERIOR THERMAL CONDUCTIVITY



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	687	513
Second Stage	197	
Total Weight (including hose)	1034	857

## ACCESSORIES

	code	page
Octopus Carbon	416535	14
1 <sup>st</sup> stage 52X	416231	13
DIN connector 52X	416809	16
CWD Dry Kit 52X	416857	16

# ABYSS 22 NAVY II

code: 416171 INT

- 1<sup>ST</sup> STAGE
- HI FLOW DFC PORT
  - PRE-ORIENTED PORTS
  - INT CONNECTION
  - CWD OIL KIT
  - US NAVY APPROVED
- 2<sup>ND</sup> STAGE
- VAD SYSTEM
  - MESH GRID
  - FLUOROPOLYMER RESIN FINISH
  - RUBBER HOSE
  - IDEAL FOR EXTREME COLD WATER



## TECHNICAL FEATURES

Weight (g)	INT
First Stage	850
Second Stage	269
Total Weight (including hose)	1337

## ACCESSORIES

	code	page
Octopus Abyss Navy	416546	14
Low pressure plug (1/2")	46186207	-



# ABYSS 52X

code: 416163 INT / DIN 300

- 1<sup>ST</sup> STAGE
- DOUBLE DFC PORTS
  - PRE-ORIENTED PORTS
  - INT – DIN CONNECTION
  - ACT VALVE
  - NCC TECHNOLOGY

- 2<sup>ND</sup> STAGE
- VAD SYSTEM
  - MESH GRID
  - ALL-METAL TECHNOLOGY
  - SUPERFLEX HOSE
  - COLD WATER USE



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	687	513
Second Stage	269	
Total Weight (including hose)	1106	929

## ACCESSORIES

	code	page
Octopus Abyss	416504	14
1 <sup>st</sup> stage 52X	416231	13
DIN connector 52X	416809	16
CWD Dry Kit 52X	416857	16

# ABYSS 22X

code: 416134 INT

- 1<sup>ST</sup> STAGE
- HI FLOW DFC PORT
  - PRE-ORIENTED PORTS
  - INT CONNECTION
  - ACT VALVE

- 2<sup>ND</sup> STAGE
- VAD SYSTEM
  - MESH GRID
  - ALL-METAL TECHNOLOGY
  - SUPERFLEX HOSE
  - COLD WATER USE



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	781	616
Second Stage	269	
Total Weight (including hose)	1208	1040

## ACCESSORIES

	code	page
Octopus Abyss	416504	14
1 <sup>st</sup> stage 22X	416216	13
DIN connector 22X	416810	16
CWD Dry Kit 22X	416855	16
22X CWD Oil Kit	416851	16
Low pressure plug (1/2")	46186207	-

# PRESTIGE 15X

code: 416234 INT / DIN 300

- 1<sup>ST</sup> STAGE
- DFC PORT
  - PRE-ORIENTED PORTS
  - INT – DIN CONNECTION
  - ACT VALVE
  - COMPACT SIZE

- 2<sup>ND</sup> STAGE
- VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
  - COMPACT
  - LIGHTWEIGHT
  - SUPERFLEX HOSE
  - OVERSIZED PURGE BUTTON



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	772	598
Second Stage	193	
Total Weight (including hose)	1110	936

## ACCESSORIES

	code	page
Octopus Prestige	416545	15
1 <sup>st</sup> stage 15X	416237	13
DIN Connector 15X	416809	16
CWD Dry Kit 15X	416857	16

# INSTINCT 15X

code: 416235 INT

- 1<sup>ST</sup> STAGE
- DFC PORT
  - PRE-ORIENTED PORTS
  - INT CONNECTION
  - ACT VALVE
  - COMPACT SIZE

- 2<sup>ND</sup> STAGE
- VAD SYSTEM
  - LIGHTWEIGHT
  - LATERAL EXHAUST VALVE
  - SUPERFLEX HOSE
  - WIDE PIVOTING PURGE BUTTON



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	772	598
Second Stage	151	
Total Weight (including hose)	1068	894

## ACCESSORIES

	code	page
Octopus Instinct	416542	15
1 <sup>st</sup> stage 15X	416237	13
DIN Connector 15X	416809	16
CWD Dry Kit 15X	416857	16



# ROVER 15X

code: 416236 INT

- 1<sup>ST</sup> STAGE
  - DFC PORT
  - PRE-ORIENTED PORTS
  - INT CONNECTION
  - ACT VALVE
  - COMPACT SIZE
- 2<sup>ND</sup> STAGE
  - VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
  - MID-SIZE SECOND STAGE
  - MESH GRID
  - RUBBER HOSE
  - OVERSIZED PURGE BUTTON



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	772	598
Second Stage	200	
Total Weight (including hose)	1117	943

## ACCESSORIES

	code	page
Octopus Rover	416505	15
1 <sup>st</sup> stage 15X	416237	13
DIN Connector 15X	416809	16
CWD Dry Kit 15X	416857	16

# ROVER 2S

code: 416220 INT / DIN 300

- 1<sup>ST</sup> STAGE
  - LIGHTWEIGHT, STURDY AND COMPACT
  - INT – DIN CONNECTION
  - PISTON CONTROL
  - DEDICATED PLACE FOR RFID CHIP
- 2<sup>ND</sup> STAGE
  - VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
  - MID-SIZE
  - MESH GRID
  - RUBBER HOSE
  - OVERSIZED PURGE BUTTON



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	608	432
Second Stage	200	
Total Weight (including hose)	987	808

## ACCESSORIES

	code	page
Octopus Rover	416505	15
1 <sup>st</sup> stage 2S	416232	13
DIN Connector 2S	416809	16

# 1<sup>ST</sup> STAGES

## 52X\*

code: 416231

- DOUBLE DFC PORT
- PRE-ORIENTED PORTS
- INT CONNECTION
- ACT VALVE
- NCC TECHNOLOGY



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar	NX 232 bar
First Stage	687	513	554

## 15X\*

code: 416237

- DFC PORT
- PRE-ORIENTED PORTS
- INT CONNECTION
- ACT VALVE



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	772	598

## 22X\*

code: 416216

- HI-FLOW DFC PORT
- PRE-ORIENTED PORTS
- INT CONNECTION
- ACT VALVE



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar	NX 232 bar
First Stage	781	616	656

## 2S\*

code: 416232

- LIGHTWEIGHT, STURDY AND COMPACT
- INT CONNECTION
- PISTON CONTROL
- DEDICATED PLACE FOR RFID CHIP



## TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	608	432

(\*) For use with octopuses and second stages with which it has been certified. The assembly, check and any necessary adjustments must be done by a Mares Lab Authorized Service Center.



## OCTOPUS

### OCTOPUS LOOP

code: 416548

**NEW**

- CAN BE MOUNTED ON THE RIGHT OR THE LEFT SIDE
- FREEDOM OF MOVEMENT IN ALL DIRECTIONS
- "UNDER THE SHOULDER" HOSE POSITION
- TWIN EXHAUST VALVES
- INTEGRATED SAGITTAL VAD (S-VAD)
- OVERSIZED SILICONE PURGE BUTTON



### OCTOPUS CARBON

code: 416535

- VAD SYSTEM
- EXTREMELY LIGHTWEIGHT
- CARBON TECHNOLOGY
- SUPERFLEX HOSE
- SUPERIOR THERMAL CONDUCTIVITY



### OCTOPUS FUSION

code: 416544

- TWIN POWER SYSTEM
- VAD SYSTEM
- HIGHEST AIR FLOW
- SUPERFLEX HOSE
- WIDE PIVOTING PURGE BUTTON



### OCTOPUS ABYSS NAVY

code: 416546

- VAD SYSTEM
- MESH GRID
- FLUOROPOLYMER RESIN FINISH
- RUBBER HOSE
- EXTREMELY COLD WATER USE



### OCTOPUS ABYSS

code: 416504

- VAD SYSTEM
- MESH GRID
- ALL-METAL TECHNOLOGY
- SUPERFLEX HOSE
- COLD WATER USE



## OCTOPUS

### OCTOPUS PRESTIGE

code: 416545

- VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
- COMPACT SECOND STAGE
- LIGHTWEIGHT
- SUPERFLEX HOSE
- OVERSIZED PURGE BUTTON



### OCTOPUS ROVER

code: 416505

- VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
- MID SIZED SECOND STAGE
- MESH GRID
- RUBBER HOSE
- OVERSIZED PURGE BUTTON



### OCTOPUS INSTINCT

code: 416542

- VAD SYSTEM
- LIGHTWEIGHT
- LATERAL EXHAUST VALVE
- SUPERFLEX HOSE
- WIDE PIVOTING PURGE BUTTON



### OCTOPUS MV

code: 416523

- VAD SYSTEM
- SMALL AND LIGHTWEIGHT
- LATERAL EXHAUST VALVE
- RUBBER HOSE
- RIGHT AND LEFT USE



### AIR CONTROL

code: 416893

- COMBINED HOSE FOR OCTOPUS AND INFLATOR
- SPECIAL ADAPTORS TO FIT ALL BCDS
- ERGONOMIC SHAPE
- ONE-HANDED USE
- PRE-ORIENTED MOUTHPIECE
- MESH GRID COVER
- EASY TO PURGE, EVEN WITH THICK GLOVES
- SUPERFLEX HOSE





# ACCESSORIES

## 22X DIN CONNECTOR

code: 416810

- FOR 200 AND 300 BAR USE
- CONICAL SINTERED FILTER



## 52X-15X-2S DIN CONNECTOR

code: 416809

- FOR 200 AND 300 BAR USE
- CONICAL SINTERED FILTER



## 22X CWD DRY KIT

code: 416855

- FOR COLD WATER USE
- PROTECTS ALL MOVING PARTS
- EASY TO INSTALL



## 52X - 15X CWD DRY KIT

code: 416857

- FOR COLD WATER USE
- PROTECTS ALL MOVING PARTS
- EASY TO INSTALL
- PLASTIC RING FOR 15X ONLY



## 22X CWD OIL KIT

code: 416851

- FOR EXTREME COLD WATER USE
- PROTECTS ALL MOVING PARTS
- EASY TO INSTALL



## SWIVEL

code: 415862

- TO IMPROVE COMFORT
- 120 DEGREE ADAPTER
- EASY TO INSTALL BETWEEN HOSE AND SECOND STAGE
- 9/16" UNF



## DIN/YOKE ADAPTOR

code: 415861

- FOR ALL DIN FIRST STAGES



# JAX

code: 415336 (12 pcs mix)

code: 495003 (single)

- CUSTOM FIT MOUTHPIECE
- VARIOUS COLOR OPTIONS
- HIGH COMFORT
- FITS ON ALL REGULATORS
- STRAP INCLUDED



# LIQUIDSKIN MOUTHPIECE

code: 415352 (dispenser desk, 12pcs mix colour)

code: 415351 (6pcs unicolors)

- BI-SILICONE EXCLUSIVE TECHNOLOGY
- ORTHODONTICALLY OPTIMIZED
- EXTREMELY LOW JAW FATIGUE
- DIFFERENT COLOR OPTIONS WITH STRAP
- FITS ON ALL MARES REGULATORS



## REGULAR MOUTHPIECE KIT

code: 415335

- THE STANDARD MARES MOUTHPIECE
- STRAP INCLUDED
- FITS ON ALL MARES REGULATORS



# LP HOSES

REGULATORS	LP HOSE WITHOUT HOSE PROTECTORS					1 <sup>ST</sup> STAGE HOSE PROTECTORS	2 <sup>ND</sup> STAGE HOSE PROTECTORS
Abyss 22X	46201380	1/2"	SUPERFLEX	BLACK	75 cm	46201249	46200846
Abyss 22 Navy	46201396	1/2"	RUBBER	BLACK	80 cm		46200846
Carbon 52X- Prestige 15X - Air Control	46201379	3/8"	SUPERFLEX	BLACK	75 cm		46201473
Abyss 52X							46200846
Fusion 52X							46201313
Loop 15 X	46201477	3/8"	RUBBER	BLACK	100 cm		46201473
Instinct 15X	46201395	3/8"	SUPERFLEX	BLACK	65 cm		46201406
Rover 15X	46201382	3/8"	RUBBER	BLACK	80 cm		46201406
Rover 2S	46201382	3/8"	RUBBER	BLACK	80 cm		46201473

OCTOPUS	LP HOSE WITHOUT HOSE PROTECTOR					1 <sup>ST</sup> STAGE HOSE PROTECTORS	2 <sup>ND</sup> STAGE HOSE PROTECTORS	
Fusion	46201381	3/8"	SUPERFLEX	YELLOW	100 cm	46201249	46201339	
Carbon - Instinct							46201473	
Abyss							46200846	
Abyss Navy	46201383	3/8"	RUBBER	YELLOW	100 cm		46200846	
Loop - Prestige - Rover - MV							46201473	

SPECIAL LENGTH							
Regulator hose	46200984	3/8"	SUPERFLEX	BLACK	210 cm	-	-
	46200985	1/2"	SUPERFLEX	BLACK	210 cm		
	46200986	3/8"	SUPERFLEX	YELLOW	210 cm		
	46201393	3/8"	RUBBER	BLACK	210 cm		
	46201394	3/8"	RUBBER	BLACK	56 cm		



OVERVIEW PAGE REGULATOR LINE

FIRST STAGES

52X

- Balanced diaphragm design
- 2 HP 7/16" UNF ports
- 4 LP 3/8" UNF ports



22X

- Balanced diaphragm design
- 2 HP 7/16" UNF ports
- 1 LP 1/2" UNF port (primary)
- 3 LP 3/8" UNF ports



22X CWD KIT

- Balanced diaphragm design
- 2 HP 7/16" UNF ports
- 1 LP 1/2" UNF port (primary)
- 3 LP 3/8" UNF ports



15X

- Balanced diaphragm design
- 2 HP 7/16" UNF ports
- 4 LP 3/8" UNF ports



2S

- Piston design
- 1 HP 7/16" UNF port
- 4 LP 3/8" UNF ports



SECOND STAGES



Fusion



Carbon



Abyss



Abyss Navy II



Loop



Prestige



Instinct



Rover

TECHNICAL SPECIFICATIONS



Regulator		Loop 15X	Fusion 52X	Carbon 52X	Abyss 22 Navy II	Abyss 52X	Abyss 22X	Prestige 15X	Instinct 15X	Rover 15X	Rover 2S	Air Control
Code		416241	416233	416162	416171	416163	416134	416234	416235	416236	416220	416893
First Stage	Diaphragm	■	■	■	■	■	■	■	■	■		
	Piston										■	
ALL METAL TECHNOLOGY			■		■	■	■					
ULTRALIGHT TECHNO POLYMER		■						■	■	■	■	■
DFC - Dynamic Flow Control		■	■	■	■	■	■	■	■	■	■	
NCC - Natural Convection Channel			■	■		■						
A.C.T. VALVE - Advanced Coating Technology		■	■	■		■	■	■	■	■		
TWIN POWER			■									
VAD - Vortex Assisted Design (*SVAD)		■ (+)	■	■	■	■	■	■	■	■	■	■
MESH GRID				■	■	■	■			■	■	■
FLUID DYNAMIC DEFLECTOR				■				■		■	■	■
SUPERFLEX HOSE			■	■		■	■	■	■			■
SMALL SIZE									■			
First Stage Weight (g)	INT	772	687	687	850	687	781	772	772	772	608	
	DIN 300 bar	598	513			513		598			432	
Second Stage Weight (g)		199	327	197	269	269	269	193	151	200	200	
Total Weight (g) (including hose)	INT	1146	1161	1034	1337	1106	1208	1110	1068	1117	987	
	DIN 300 bar	972	984			929		936			808	



Octopus	Loop	Fusion	Carbon	Abyss Navy	Abyss	Prestige	Instinct	MV	Rover
Code	416548	416544	416535	416546	416504	416545	416542	416523	416505
ALL METAL TECHNOLOGY			■	■	■				
ULTRALIGHT TECHNO POLYMER		■				■	■	■	■
TWIN POWER			■						
VAD - Vortex Assisted Design (*SVAD)		■ (+)	■	■	■	■	■	■	■
MESH GRID			■	■	■				■
FLUID DYNAMIC DEFLECTOR							■		■
SUPERFLEX HOSE			■	■	■	■	■	■	
SMALL SIZE							■	■	
Total Weight (g) (including hose)		374	481	354	427	427	378	335	364





# instruments

## QUAD

code: 414134

NEW

- MAGNIFICENTLY CLEAR DISPLAY WITH JUMBO SIZE INFORMATION
- TWO CUSTOMIZABLE FIELDS FOR ANCILLARY INFORMATION
- FOUR BUTTONS FOR INTUITIVE USER INTERFACE
- MIRRORED BUTTON FUNCTION DURING DIVE
- OPTION TO VIEW DIVE TIME INCLUDING SECONDS
- RUNAWAY DECO ALARM
- MULTIGAS CAPABLE
- DECOMPRESSION DIVE PLANNER WITH USER ADJUSTABLE SURFACE INTERVAL
- LONG BATTERY LIFE, USER REPLACEABLE

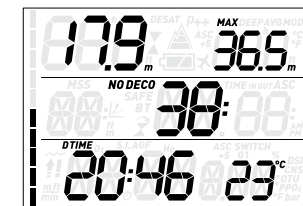


### COLOR VARIATIONS

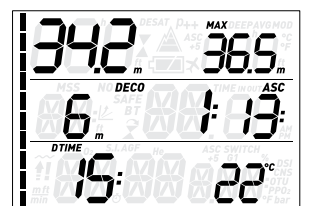


### DETAILS

Not in scale



Dive time with seconds



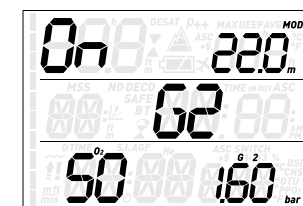
Deco Dive

### TECHNICAL FEATURES

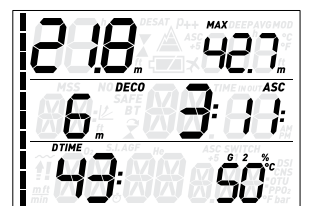
Battery	Type	CR2450
	Duration	200-300 dives
Nitrox	EAN from 21% to 99%	

### ACCESSORIES

	code	page
Dive Link 2 USB Interface	414316	28



Nitrox Menu

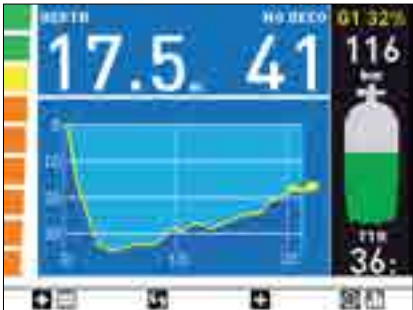


Gas Switch



DISPLAYS

1:1 scale



The profile view is updated every 20 seconds while showing current depth and remaining no deco time [or total ascent time for deco dives], in addition to all tank data. An additional field can be called up on the display via the “+” button.



Upon entering deco, the middle row switches from a green background to an orange one. In the “+” sequence there is now ASC+5, which gives a projected total ascent time if you were to stay at the current depth for another 5 minutes.



The compass can be viewed at any time during the dive. Press the right button to set a bearing and Icon HD will add symbols at 90, 120 and 180° as an aid in square, triangular, and reciprocal courses.



In night mode the information is provided by white numbers on a black background. In presence of decompression the middle row features orange instead of white numbers.



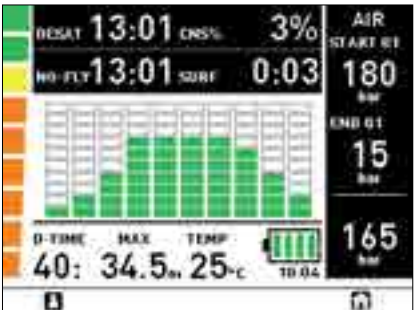
The profile view in night mode features a blue over black design. Upon entering decompression, the no deco time in the top right corner is replaced by the total ascent time, viewed in orange instead of white.



In bottom timer mode the display changes format showing current max and average depth, stopwatch, dive time, temperature, tank pressure, and time to reserve (TTR) all on the same screen. The color lay out is white over black.



During a deco dive you can call up a table listing each individual deep and deco stop.



The post dive screen summarizes the main parameters of the dive just completed, in addition to showing your remaining desaturation time, no fly time, current CNS level, surface interval and the supersaturation in each tissue.



The logbook features three pages of information for each dive, including depth, temperature and tank pressure profile.



The underwater menu can be called up at any time during the dive, allowing for editing of many of the Icon HD's settings, including the choice of linked map.



The tissue saturation graph provides a plethora of information regarding your decompression status and how your current depth affects it.



Warnings alert you when remaining at the current depth might cause a higher than expected increase in total decompression time, as might be the case when control of the decompression calculation switches to a slower tissue.

ICON HD BLACK EDITION

code: 414130

- FULL COLOR HIGH-RESOLUTION DISPLAY
- FULL TILT DIGITAL COMPASS WITH BEARING MEMORY AND STOPWATCH
- HOSE-LESS TANK DATA INTEGRATION FOR UP TO THREE TRANSMITTERS
- COLOR CODED TANK PRESSURE FOR AT-A-GLANCE READABILITY
- DIVE PROFILE VIEW UPDATED IN 20-SECOND INTERVALS
- BOTTOM TIMER MODE WITH RESETTABLE AVERAGE DEPTH AND STOPWATCH
- DECOMPRESSION DIVE PLANNER WITH ADDITIONAL SURFACE INTERVAL FUNCTION
- BRILLIANT LOGBOOK WITH DIVE GRAPH INCLUDING DEPTH, TEMPERATURE AND TANK PRESSURE PROFILES
- LOGBOOK CAPACITY 100 HOURS OF DIVE PROFILE AT 5-SECOND SAMPLING RATE
- ICE (IN CASE OF EMERGENCY) FUNCTION
- RECHARGEABLE BATTERY
- INCLUDES INTERFACE AND SOFTWARE FOR DOWNLOADING TO PC OR MAC
- UPGRADEABLE FIRMWARE
- NIGHT MODE FUNCTION
- MAP VIEWING FUNCTION DURING THE DIVE
- TISSUE SATURATION GRAPH WITH DETAILED INFORMATION ON DECOMPRESSION STATUS
- UNDERWATER MENU ALLOWS CERTAIN SETTINGS TO BE CHANGED ON THE MOVE
- FUTURE DECO AND RUNAWAY DECO ALARM (PROPRIETARY)



TECHNICAL FEATURES		
Battery	Type	18650 Lithium Ion polymers, replaceable
	Duration	7 hours dive time/3 weeks standby/500 recharge cycles
Nitrox		EAN from 21% to 99%

ACCESSORIES		
	code	page
Tank Module	414311	28

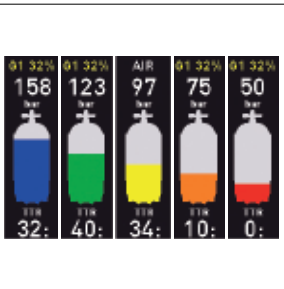
DETAILS



Air Tank Module (optional)



USB interface included



At-a-glance tank pressure information



Downloadable maps (from PC only)



# MATRIX

- code: 414166
- code: 414167 WH
- COMPLETE WATCH FUNCTIONS: WAKE-UP ALARM, SECOND TIME ZONE, DATE AND CHOICE OF ANALOG OR DIGITAL TIME DISPLAY
  - FULL DOT MATRIX DISPLAY
  - FULL TILT DIGITAL COMPASS WITH BEARING MEMORY AND STOPWATCH
  - ABILITY TO VIEW DIVE PROFILE DURING THE DIVE
  - BOTTOM TIMER MODE WITH RESETTABLE AVERAGE DEPTH AND STOPWATCH
  - LOGBOOK WITH DIVE GRAPH INCLUDING DEPTH PROFILE
  - LOGBOOK CAPACITY 35 HOURS OF DIVE PROFILE AT 5-SECOND SAMPLING RATE
  - ICE (IN CASE OF EMERGENCY) FUNCTION
  - INCLUDES INTERFACE AND SOFTWARE FOR DOWNLOADING TO PC OR MAC
  - RECHARGEABLE BATTERY
  - UPGRADEABLE FIRMWARE



## COLOR VARIATIONS



BK

WH

## TECHNICAL FEATURES

Battery	Type	Custom Lithium Ion polymer
	Duration	15 hours diving/4 week standby/500 recharging cycles
Nitrox	EAN from 21% to 99%	

## ACCESSORIES

	code	page
Metal Strap	414811	28
Tech Strap	414812	28
Strap Extension	44200966	28
Display Protector	415173	28

# SMART

- code: 414129
- FREEDIVING MODE (APNEA) WITH DEDICATED ALARMS
  - FULL FEATURED NITROX DIVE COMPUTER WITH TWO GAS CAPABILITY
  - BOTTOM TIMER MODE WITH RESETTABLE AVERAGE DEPTH AND STOPWATCH
  - LOGBOOK CAPACITY IN EXCESS OF 20 HOURS OF DIVE PROFILE AT 5-SECOND SAMPLING RATE (SCUBA) AND 1-SECOND SAMPLING RATE (APNEA)
  - DECOMPRESSION DIVE PLANNER WITH ADDITIONAL SURFACE INTERVAL FUNCTION
  - UPGRADEABLE FIRMWARE
  - COMPLETE WATCH FUNCTIONS: STOPWATCH, WAKE-UP ALARM, SECOND TIME ZONE, DATE
  - USER-REPLACEABLE BATTERY



## COLOR VARIATIONS



BKBK

BKGR

BKRD

BKWH

WHLM

WHLI

## TECHNICAL FEATURES

Battery	Type	CR2430
	Duration	200-300 dives over a three year time span
Nitrox	EAN from 21% to 99%	

## ACCESSORIES

	code	page
Dive Link 2 USB Interface	414316	28
Display Protector	415173	28
Strap Extension	44201190	28

# PUCK PRO +

- code: 414135
- NEW
- SLIM DESIGN FOR A PERFECT FIT
  - INTUITIVE USER INTERFACE WITH ONE-BUTTON SIMPLICITY
  - LOGBOOK CAPACITY 35 HOURS OF DIVE PROFILE AT 5-SECOND SAMPLING RATE
  - UPGRADEABLE FIRMWARE
  - BOTTOM TIMER MODE WITH RESETTABLE AVERAGE DEPTH AND STOPWATCH
  - USER-REPLACEABLE BATTERY



## COLOR VARIATIONS



BKBK

BKWH

## TECHNICAL FEATURES

Battery	Type	CR2450
	Duration	200-300 dives
Nitrox	EAN from 21% to 99%	

## ACCESSORIES

	code	page
Dive Link 2 USB Interface	414316	28

## DETAILS

Scale 1:1



No deco dive  
with time of day display



Deco dive



Gas switch



Nitrox menu



# PUCK AIR

code: 414162

- COMPACT YET FULL FEATURED AIR INTEGRATED DIVE COMPUTER
- GAS TIME CALCULATION
- SEGMENT DISPLAY WITH DOT MATRIX INSERT
- INTUITIVE USER INTERFACE WITH ONE-BUTTON SIMPLICITY
- AVAILABLE WITH ANALOG COMPASS
- LOGBOOK CAPACITY 35 HOURS OF DIVE PROFILE AT 20-SECOND SAMPLING RATE
- USER-REPLACEABLE BATTERY
- MULTIPLE LANYARD ATTACHMENT POINTS



# PUCK CONSOLES

code: 414420 Mission Puck 2

code: 414421 Mission Puck 3

- COMPACT CONSOLE WITH FULL FEATURED COMPUTER AND ANALOG PRESSURE GAUGE
- AVAILABLE WITH ANALOG COMPASS
- INTUITIVE USER INTERFACE WITH ONE-BUTTON SIMPLICITY
- LOGBOOK CAPACITY 35 HOURS OF DIVE PROFILE AT 5-SECOND SAMPLING RATE
- USER-REPLACEABLE BATTERY
- MULTIPLE LANYARD ATTACHMENT POINTS



MISSION PUCK 2

MISSION PUCK 3

## TECHNICAL FEATURES

Battery	Type	CR2450
	Duration	200-300 dives
Nitrox	EAN from 21% to 50%	

## ACCESSORIES

	code	page
Drak USB Interface	414308	28

## TECHNICAL FEATURES

Battery	Type	CR2450
	Duration	200-300 dives
Nitrox	EAN from 21% to 50%	

## ACCESSORIES

	code	page
Drak USB Interface	414308	28

# MISSION 1

code: 414417

- BRASS CASE
- TECHNOPOLYMER WINDOW
- PHOSPHORESCENT DIAL FACE
- PROTECTIVE RUBBER CONSOLE
- MULTIPLE ATTACHMENT POINTS



# MISSION 2 GLASS

code: 414401-US300

- AUTOMATIC MAXIMUM DEPTH INDICATOR
- VISUAL LOW AIR INDICATOR
- LUMINESCENT FACE IS EASY TO READ IN DARK OR LOW VISIBILITY CONDITIONS
- EASY TO READ LUMINESCENT DIAL
- 4300PSI PRESSURE GAUGE
- DEPTH: 260 feet



# MISSION 3

code: 414419

- PRESSURE GAUGE:
  - BRASS CASE
  - TECHNOPOLYMER WINDOW
  - PHOSPHORESCENT DIAL FACE

- DEPTH GAUGE:
  - OIL BATH
  - PHOSPHORESCENT DIAL FACE
  - MAX DEPTH INDICATOR
  - LINEAR SCALE

- COMPASS:
  - OIL BATH
  - SIDE VIEW WINDOW
- CONSOLE:
  - PROTECTIVE RUBBER COVER WITH MULTIPLE ATTACHMENT POINTS



# MISSION 2

code: 414418

- PRESSURE GAUGE:
  - BRASS CASE
  - TECHNOPOLYMER WINDOW
  - PHOSPHORESCENT DIAL FACE

- DEPTH GAUGE:
  - OIL BATH
  - PHOSPHORESCENT DIAL FACE
  - MAX DEPTH INDICATOR
  - LINEAR SCALE

- CONSOLE:
  - PROTECTIVE RUBBER COVER WITH MULTIPLE ATTACHMENT POINTS



# MISSION 2C

code: 414423

- PRESSURE GAUGE:
  - BRASS CASE
  - TECHNOPOLYMER WINDOW
  - PHOSPHORESCENT DIAL FACE

- COMPASS:
  - OIL BATH
  - SIDE VIEW WINDOW

- CONSOLE:
  - PROTECTIVE RUBBER COVER WITH MULTIPLE ATTACHMENT POINTS





# ACCESSORIES

## ICON TANK MODULE

code: 414311

- TRANSMITS TANK INFORMATION
- THE ICON HD CAN THEN DISPLAY TANK PRESSURE, TTR (TIME TO RESERVE) AND GAS CONSUMPTION
- PERMANENT PAIRING
- EN250:2014 CERTIFIED TO 300BAR
- BATTERY TYPE: CR123A, USER REPLACEABLE
- BATTERY DURATION: 180 - HOUR DIVE



## MATRIX DISPLAY PROTECTOR

code: 415173

- PERFECT FIT AND EASY TO INSTALL
- PREVENTS FROM SCRATCHES, DIRT AND SAND
- SOFT AND DURABLE
- ULTRA CLEAR
- A PACK CONTAINS 2 PIECES
- ALSO FITS THE SMART



## MATRIX STRAP EXTENSION

code: 44200966

- FOR USE WITH THICK WET OR DRY SUITS
- FOR MATRIX ONLY



## SMART STRAP EXTENSION

code: 44201190

- FOR USE WITH THICK WET OR DRY SUITS
- FOR SMART ONLY



## MATRIX METAL STRAP

code: 414811

- STYLISH METAL STRAP
- EXTENSION FOR WETSUIT
- LOCK SYSTEM
- STAINLESS STEEL
- BLACK AND WHITE OPTIONS
- FOR MATRIX ONLY



## MATRIX TECH STRAP

code: 414812

- IDEAL FOR DIVE COMPUTERS AND WATCHES
- 20 mm WIDTH
- FOR WETSUIT AND DRY SUIT USE
- STAINLESS STEEL BUCKLES



## DRAK USB INTERFACE

code: 414308

- FOR DOWNLOADING LOGBOOK FROM DIVE COMPUTER TO PC OR MAC (ALL PUCK CONSOLES)
- REQUIRED SOFTWARE: DIVE ORGANIZER (PC) OR DIVERS DIARY (MAC)



## DIVE LINK 2 USB INTERFACE

code: 414316

- FOR DOWNLOADING LOGBOOK FROM SMART AND PUCK PRO TO PC OR MAC
- FOR UPGRADING FIRMWARE ON SMART AND PUCK PRO
- REQUIRED SOFTWARE: DIVE ORGANIZER (PC) OR DIVERS DIARY (MAC)



# TECHNICAL SPECIFICATION



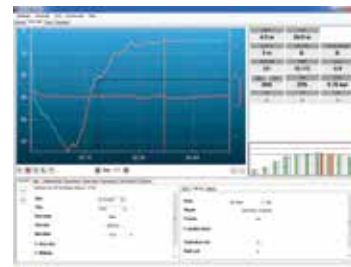
Computer	Quad	Icon HD Black	Matrix	Puck Pro +	Smart	Puck Air	Puck Air with compass	Mission Puck 2	Mission Puck 3
Code	414134	414130	414166 414167 White	414135	414129	414161	414162 NO	414420	414421
LCD COLOR DISPLAY		■							
FULL DOT MATRIX		■	■						
SEGMENT / MATRIX AREA DISPLAY						■	■		
SEGMENT DISPLAY	■			■	■			■	■
AIR INTEGRATED		■				■	■		
GAS SWITCHING	■	■	■	■	■				
SOFTWARE UPGRADEABILITY	■	■	■	■	■				
USB CHARGER		■	■						
ONE BUTTON CONTROL				■		■	■	■	■
MINERAL GLASS DISPLAY	■	■	■	■	■				
Max displayed depth	150 m (492 ft)	150 m (492 ft)	150 m (492 ft)	150 m (492 ft)	150 m (492 ft)	150 m (492 ft)	150 m (492 ft)	150 m (492 ft)	150 m (492 ft)
Rechargeable batteries		■	■						
User replaceable batteries	■	■	■	■	■	■	■	■	■
Residual nitrogen reset	■	■	■	■	■	■	■	■	■
Option to exclude audible alarms	■	■	■	■	■	■	■	■	■
Ascent rate indicator	■	■	■	■	■	■	■	■	■
Memory capacity	38 hr	> 100 hr	36 hr	36 hr	36 hr	36 hr	36 hr	36 hr	36 hr
Profile sampling rates	5 s	5 s	5 s	5 s	5 s	20 s	20 s	5 s	5 s
Dual time			■		■				
Stopwatch	■ ***	■ **	■ *		■				
Daily alarm		■	■		■				

\* Dive mode / \*\* Compass and bottom timer modes only / \*\*\* Bottom timer mode

# SOFTWARE

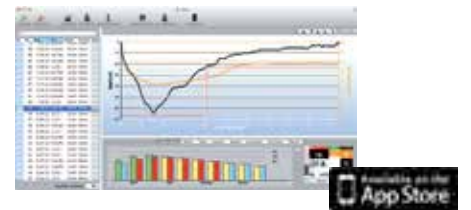
## DIVE ORGANIZER

- FULL-FEATURED LOGBOOK MANAGEMENT SOFTWARE
- ALLOWS UPGRADING OF FIRMWARE ON COMPATIBLE DIVE COMPUTERS
- ALLOWS UPLOADING OF MAPS AND IMAGES TO ICON HD
- FEATURES TISSUE SATURATION GRAPH WITH DETAILED EVOLUTION DURING THE DIVE
- FOR PC ONLY



## DIVERS DIARY

- FULL-FEATURED LOGBOOK MANAGEMENT SOFTWARE
- ALLOWS UPGRADING OF FIRMWARE ON COMPATIBLE DIVE COMPUTERS
- FEATURES TISSUE SATURATION GRAPH WITH DETAILED EVOLUTION DURING THE DIVE
- FOR MAC ONLY







bcd's

DRAGON SLS / KAILA SLS

NEW

code Dragon SLS: 417223  
code Kaila SLS: 417363

- SUPERBLY COMFORTABLE AND STABLE YET TOUGH AND DURABLE
- AIRCELL SLIDES ON SHOULDERS FOR INCREASED COMFORT WHEN INFLATED
- POSITION OF THE CORRUGATED HOSE RETAINING EPAULETTE CAN BE ADJUSTED
- HIGH LIFT AIRCELL WITH "DRAGON" WINGLETS
- SMART TRIM WEIGHT POSITIONING
- SLS WEIGHT SYSTEM
- SWIVEL BUCKLES: 50mm ON THE DRAGON, 40mm ON THE KAILA
- HIGH CAPACITY CARGO POCKETS WITH STRETCH PANELS
- ADJUSTABLE CUMMERBUND
- MONOPLATE BACKPACK FITS SINGLE OR DOUBLE TANKS
- VISUAL CONFIRMATION OF PROPER WEIGHT POUCH INSERTION
- PERSONALIZABLE LABEL ON WEIGHT POCKETS



TECHNICAL FEATURES

Sizes	XS	S	M	L	XL
Weight	4,2 kg / 9.2 lb	4,2 kg / 9.2 lb	4,4 kg / 9.7 lb	4,5 kg / 9.9 lb	4,6 kg / 10.1 lb
Buoyancy	140 N (14,2 kg / 31.3 lb)	140 N (14,2 kg / 31.3 lb)	170 N (17,3 kg / 38.1 lb)	190 N (19,3 kg / 42.5 lb)	220 N (22,5 kg / 49.6 lb)

She Dives Sizes	XXS	XS	S	M	L
Weight	4 kg / 8.8 lb	4 kg / 8.8 lb	4,1 kg / 9 lb	4,1 kg / 9 lb	4,3 kg / 9.5 lb
Buoyancy	140 N (14,2 kg / 31.3 lb)	140 N (14,2 kg / 31.3 lb)	140 N (14,2 kg / 31.3 lb)	140 N (14,2 kg / 31.3 lb)	160 N (16,3 kg / 35.9 lb)

ACCESSORIES

	code	page
BCD attachment Kit	415178	36

DETAILS



"Dragon" aircell



High capacity cargo pockets with stretch panels



Adjustable epaulette



50mm swivel buckles



# PURE SLS

NEW

code: 417361

- COMFORTABLE AND STABLE BACK BUOYANCY BC WITH 18kg LIFT (40 lbs)
- STREAMLINED
- SWIVEL SHOULDER BUCKLES
- SMART TRIM WEIGHT POSITIONING
- SLS WEIGHT SYSTEM
- ROLL-DOWN CARGO POCKET
- WAIST STRAP ALLOWS MAXIMUM ADJUSTABILITY
- CUSTOMIZABLE AND TRAVEL FRIENDLY
- MONOPLATE BACKPACK FITS SINGLE OR DOUBLE TANKS
- VISUAL CONFIRMATION OF PROPER WEIGHT POUCH INSERTION
- PERSONALIZABLE LABEL ON WEIGHT POCKETS



TECHNICAL FEATURES					
Sizes	XS	S	M	L	XL
Weight	3,6 kg / 7.9 lb	3,7 kg / 8.1 lb	3,7 kg / 8.1 lb	3,8 kg / 8.3 lb	3,8 kg / 8.3 lb
Buoyancy	170 N (18,1 kg / 40 lb)	170 N (18,1 kg / 40 lb)	170 N (18,1 kg / 40 lb)	170 N (18,1 kg / 40 lb)	170 N (18,1 kg / 40 lb)

ACCESSORIES		
	code	page
BCD attachment Kit	415178	36
Optional Cargo Pocket	417961	36

# BOLT SLS

NEW

code: 417362

- SUPERBLY COMFORTABLE AND STABLE BACK BUOYANCY BC WITH 21kg LIFT (46 lbs)
- STREAMLINED
- SWIVEL SHOULDER BUCKLES
- SMART TRIM WEIGHT POSITIONING
- SLS WEIGHT SYSTEM
- ROLL-DOWN CARGO POCKET
- ADJUSTABLE CUMMERBUND
- TRAVEL FRIENDLY
- MONOPLATE BACKPACK FITS SINGLE OR DOUBLE TANKS
- VISUAL CONFIRMATION OF PROPER WEIGHT POUCH INSERTION
- PERSONALIZABLE LABEL ON WEIGHT POCKETS



TECHNICAL FEATURES					
Sizes	XS	S	M	L	XL
Weight	3,6 kg / 7.9 lb	3,7 kg / 8.1 lb	3,7 kg / 8.1 lb	3,9 kg / 8.6 lb	3,9 kg / 8.6 lb
Buoyancy	200 N (21 kg / 46 lb)	200 N (21 kg / 46 lb)	200 N (21 kg / 46 lb)	200 N (21 kg / 46 lb)	200 N (21 kg / 46 lb)

ACCESSORIES		
	code	page
BCD attachment Kit	415178	36

# QUANTUM SLS

code: 417357

- MONOPLATE BACKPACK FITS SINGLE TANK OR DOUBLES
- SWIVEL BUCKLES AND D-RING ATTACHMENT ON SIDE LOBE
- SLS WEIGHT SYSTEM
- VISUAL CONFIRMATION OF PROPER WEIGHT POUCH INSERTION
- PERSONALIZATION LABEL ON WEIGHT POUCHES
- STRETCH CARGO POCKETS
- OPENINGS ON SIDE LOBES FOR HOSE STORAGE
- TRIM WEIGHT POCKETS
- OPTIONAL BC ATTACHMENT KIT
- OPTIONAL TANK STRAP SET FOR DOUBLES UP TO 2 X 12l / 2 X 80cuft



TECHNICAL FEATURES					
Sizes	XS	S	M	L	XL
Weight	4,2 kg / 9.2 lb	4,2 kg / 9.2 lb	4,4 kg / 9.7lb	4,5 kg / 9.9 lb	4,6 kg / 10.1 lb
Buoyancy	120 N (12,2 kg / 27 lb)	130 N (13,8 kg / 30 lb)	150 N (16 kg / 35 lb)	180 N (18,3 kg / 38 lb)	200 N (21 kg / 46 lb)

ACCESSORIES		
	code	page
BCD Attachment Kit	415178	36

## DETAILS



Stretch pocket



SLS weight system



Swivel buckle and D-ring



Attachment kit



# HYBRID

- code: 417345
- code: 417346 She Dives
- FOLDABLE BACKPACK
  - FUSION BLADDER
  - ULTRA-LOW PROFILE EXHAUST VALVES
  - UNPRECEDENTED FIT AND COMFORT:
    - SEAMLESS SHOULDER STRAP, ADDITIONAL PADDING
  - UNPARALLELED LIFT, STABILITY AND TRIM
  - MADE OF SOFT YET DURABLE MATERIAL
  - MRS PLUS MODULAR INTEGRATED WEIGHT SYSTEM
  - SHE DIVES VERSION:
    - SPECIAL CUT PERFECT FOR FEMALE ANATOMY AND MORPHOLOGY



TECHNICAL FEATURES			
Sizes	XS/S	M/L	XL
Weight	3,8 kg / 8.4 lb	3,9 kg / 8.6 lb	4,3 kg / 9.5 lb
Buoyancy	140 N <small>(14,2 kg / 31.3 lb)</small>	190 N <small>(19,3 kg / 42.5 lb)</small>	220 N <small>(22,5 kg / 49.6 lb)</small>

She Dives Sizes	XXS/XS	S/M	L
Weight	3,8 kg / 8.4 lb	3,8 kg / 8.4 lb	4 kg / 8.8 lb
Buoyancy	140 N <small>(14,2 kg / 31.3 lb)</small>	140 N <small>(14,2 kg / 31.3 lb)</small>	170 N <small>(18,1 kg / 40 lb)</small>

ACCESSORIES		
	code	page
Trim Weight	47201060	36
MRS Plus (small - max 4 kg)	417955	36
MRS Plus (large - max 6 kg)	417954	36
BCD attachment Kit	415178	36

# HYBRID AT

- code: 417334
- FOLDABLE BACKPACK
  - AIRTRIM FOR FAST AND INTUITIVE BUOYANCY CONTROL
  - MRS PLUS MODULAR INTEGRATED WEIGHT SYSTEM



TECHNICAL FEATURES			
Sizes	XS/S	M/L	XL
Weight	3,9 kg / 8.6 lb	4 kg / 8.8 lb	4,2 kg / 9.2 lb
Buoyancy	145 N <small>(14,8 kg / 32,6 lb)</small>	200 N <small>(21 kg / 46 lb)</small>	235 N <small>(24 kg / 52.9 lb)</small>

ACCESSORIES		
	code	page
Trim Weight	47201060	36
MRS Plus (small - max 4 kg)	417955	36
MRS Plus (large - max 6 kg)	417954	36
BCD attachment Kit	415178	36

# PRESTIGE MRS PLUS

- code: 417222
- EXCELLENT LIFT CAPACITY
  - BLADDER MADE ENTIRELY OF CORDURA
  - IMPROVED FIT: SWIVELING BUCKLES, SHOULDER AND CHEST COMFORT
  - MRS PLUS MODULAR INTEGRATED WEIGHT SYSTEM
  - 3-DIMENSIONAL ZIPPERED SELF DRAINING POCKETS
  - 2 REAR TRIM WEIGHT POCKETS



TECHNICAL FEATURES						
Sizes	XXS	XS	S	M	L	XL
Weight	3,8 kg / 8.4 lb	3,9 kg / 8.6 lb	4 kg / 8.8 lb	4,1 kg / 9 lb	4,2 kg / 9.2 lb	4,3 kg / 9.5 lb
Buoyancy	140 N <small>(14,2kg / 31.3 lb)</small>	140 N <small>(14,2kg / 31.3lb)</small>	150 N <small>(16 kg / 35 lb)</small>	160 N <small>(16,3kg / 35.9lb)</small>	200 N <small>(21 kg / 46 lb)</small>	235 N <small>(24kg / 52.9lb)</small>

ACCESSORIES		
	code	page
MRS Plus (large - max 6 kg)	417954	36
BCD attachment Kit	415178	36

# PRIME

- code: 417353
- IDEAL FOR THOSE WHO WANT TO GET STARTED WITH THEIR DIVING ADVENTURE
  - STANDARD BCD
  - EXCELLENT BUOYANCY AND FIT
  - LIGHT, STRONG AND DURABLE CORDURA 420
  - STOWAGE FOR OCTOPUS AND PRESSURE GAUGE
  - RIGID BACKPACK WITH HANDLE
  - 2 LARGE ROOMY ZIPPERED POCKETS



TECHNICAL FEATURES						
Sizes	XS	S	M	L	XL	XXL
Weight	2,9 kg / 6.4 lb	2,9 kg / 6.4 lb	3,1 kg / 6.8 lb	3,1 kg / 6.8 lb	3,1 kg / 6.8 lb	3,1 kg / 6.8 lb
Buoyancy	140 N <small>(14,2 kg / 31.3 lb)</small>	150 N <small>(16 kg / 35 lb)</small>	160 N <small>(16,3 kg / 35.9 lb)</small>	200 N <small>(21 kg / 46 lb)</small>	235 N <small>(24 kg / 52.9 lb)</small>	235 N <small>(24 kg / 52.9 lb)</small>

ACCESSORIES		
	code	page
BCD Attachment Kit	415178	36



ACCESSORIES

MRS PLUS

code: 417955 - SMALL: 4 kg / 9 lbs

code: 417954 - LARGE: 6 kg / 13 lbs

- ZIPPERED POCKET
- INTERNAL VELCRO FOR MULTIPLE SECTIONS



KIT MRS PLUS

code: 417958

- OPTIONAL FOR UPGRADING BCDS WITH MRS PLUS
- EASY TO INSTALL
- ZIPPERED POCKET
- INTERNAL VELCRO FOR MULTIPLE SECTIONS
- LARGE WEIGHT CAPACITY: 6 kg/13 lbs



SLIDE AND LOCK SYSTEM

code: 417959 - SMALL: 4 kg / 9 lbs

code: 417960 - LARGE: 6 kg / 13 lbs

- STURDY ZIPPERED POCKET
- EASY TO SLIDE INTO POCKET
- VISUAL AID TO SEE IF SYSTEM IS PROPERLY ENGAGED
- SAFEST SYSTEM AVAILABLE
- EASY TO USE WITH THICK GLOVES



PAT PENDING

CARGO POCKET

NEW

code: 417961

- HIGH VOLUME POCKET
- REPLACES SLS SYSTEM
- FOR PURE SLS ONLY



TRIM WEIGHT

code: 47201060

- REPLACEMENT PART FOR THE HYBRID/HYBRID SHE DIVES



BCD ATTACHMENT KIT

code: 415178

- IDEAL SOLUTION FOR YOUR EXTENSION POLE
- EASY TO INSTALL
- FITS ONTO MARES BCD'S



PAT PENDING

LANYARD OPEN LOOP

code: 415722

- MULTI FUNCTIONAL LANYARD WITH OPEN LOOP
- THE LOOP ALLOWS WIDE ATTACHMENT FUNCTIONALITY
- MALE/FEMALE QUICK RELEASE BUCKLE



HOSE RETAINER

code: 415157

- HEAVY DUTY HOOKS
- SWIVEL SOLUTION
- TWO POSITIONS TO HANG HOSES



TECHNICAL SPECIFICATIONS



BCD	Dragon SLS	Kaila SLS	Pure SLS	Bolt SLS	Quantum SLS	Hybrid	Hybrid She Dives	Hybrid AT	Prestige MRS Plus	Prime
Code	417223	417363	417361	417362	417357	417345	417346	417334	417222	417309
Sizes	XS · S · M · L · XL	XXS · XS · S · M · L	XS · S · M · L · XL	XS · S · M · L · XL	XS · S · M · L · XL	XS/S · M/L · XL	XXS/XS · S/M · L	XS/S · M/L · XL	XXS · XS · S · M · L · XL	XS · S · M · L · XL
FUSION BLADDER	■	■				■	■	■		
CLASSIC BLADDER					■				■	■
BACKMOUNTED			■	■						
ERGO INFLATOR	■	■	■	■	■	■	■		■	■
AIRTRIM								■		
MONOPLATE BACKPACK	■	■	■	■	■					
FOLDABLE BACKPACK						■	■	■		
SUSPENSION SYSTEM						■	■	■		
Materials (external/internal)	Cordura®420 / Cordura®420	Cordura®420 / Cordura®420	Cordura®420 / Cordura®420	Cordura®420 / Cordura®420	Cordura®420 / Cordura®420	Cordura®420 / Cordura®420	Cordura®420 / Cordura®420	Cordura®420 / Cordura®420	Cordura®1000 / Cordura®420	Cordura®420 / Cordura®420
D-rings	Stainless steel	5	5	7	6	6			4	
	Aluminium					7	7	6		1
	Heavy-duty Technopolymer				3				2	2
Weight (size L)	Kg	4,5	4,3	3,8	3,9	4,5	3,9	3,8	4,2	3,1
	lb	9.9	9.5	8.3	8.6	9.9	8.6	8.3	9.2	6.8
Buoyancy	XXS		140 N (14,2 kg / 31.3 lb)				140 N (14,2 kg / 31.3 lb)		140 N (14,2 kg / 31.3 lb)	
	XS	140 N (14,2 kg / 31.3 lb)	140 N (14,2 kg / 31.3 lb)	170 N (18,1 kg / 40 lb)	200 N (21 kg / 46 lb)	120 N (12,2 kg / 27 lb)	140 N (14,2 kg / 31.3 lb)	145 N (14,8 kg / 32.6 lb)	140 N (14,2 kg / 31.3 lb)	140 N (14,2 kg / 31.3 lb)
	S	140 N (14,2 kg / 31.3 lb)	140 N (14,2 kg / 31.3 lb)	170 N (18,1 kg / 40 lb)	200 N (21 kg / 46 lb)	130 N (13,8 kg / 30 lb)	140 N (14,2 kg / 31.3 lb)	145 N (14,8 kg / 32.6 lb)	150 N (16 kg / 35 lb)	150 N (16 kg / 35 lb)
	M	170 N (17,3 kg / 38.1 lb)	140 N (14,2 kg / 31.3 lb)	170 N (18,1 kg / 40 lb)	200 N (21 kg / 46 lb)	150 N (16 kg / 35 lb)	190 N (19,3 kg / 42.5 lb)	140 N (14,2 kg / 31.3 lb)	200 N (21 kg / 46lb)	160 N (16,3 kg / 35.9 lb)
	L	190 N (19,3 kg / 42.5 lb)	160 N (16,3 kg / 35.9 lb)	170 N (18,1 kg / 40 lb)	200 N (21 kg / 46 lb)	180 N (18,3 kg / 38 lb)	190 N (19,3 kg / 42.5 lb)	170 N (18,1 kg / 40 lb)	200 N (21 kg / 46lb)	200 N (21 kg / 46lb)
	XL	220 N (22,5 kg / 49.6 lb)		170 N (18,1 kg / 40 lb)	200 N (21 kg / 46 lb)	200 N (21 kg / 46 lb)	220 N (22,5 kg / 49.6 lb)		235 N (24 kg / 52.9 lb)	235 N (24 kg / 52.9 lb)
	XXL									235 N (24 kg / 52.9 lb)
SLS	417959 (small - max 4 kg)	XS · S	XXS · XS · S	XS · S · M · L · XL	XS · S · M	XS · S	No SLS			
	417960 (large - max 6 kg)	M · L · XL	M · L		L · XL	M · L · XL				
MRS Plus	417955 (small - max 4 kg)	No MRS Plus				XS/S	XXS/XS · S/M	XS/S		MRS Plus ready
	417954 (large - max 6 kg)					M/L · XL	L	M/L · XL	XXS · XS · S · M · L · XL	





FLEXA

8-6-5 mm

code: 482050 Man back zip

code: 482079 She Dives front zip

5-4-3 mm

code: 482051 Man back zip

code: 482080 She Dives back zip

- THE HIGHEST EXPRESSION OF TRILASTIC DESIGN
- DIFFERENT THICKNESSES FOR DIFFERENT AREAS OF THE BODY
- BACK PROTECTION SYSTEM (BPS): ADDITIONAL LAYER OF NEOPRENE STITCHED IN THE BACK FOR ADDITIONAL COMFORT AND PROTECTION
- THERMO PLUSH INSIDE



FABRIC

Thickness	8-6-5 / 5-4-3 mm
Fabric type	Ultrastretch Neoprene

SIZES

Man	S	M	L	XL	XXL	3XL	
She Dives	4	6	8	10	12	14	16



Back zip



# REEF

code: 482082 Man  
code: 482081 She Dives

- COOL, STRETCHY AND IDEAL FOR TEMPERATE WATER
- CUSTOM CLOSURE AND BACK ZIP PULLER
- PRE-SHAPED CUT
- CHEST MESH SKIN
- WRIST, ANKLE AND NECK SEALS ENRICHED WITH AQUASTOPS FINISH
- SOFT AND STRETCHY RUBBER PANEL IN THE CHEST AREA FOR MULTIPLE SURFACE WATER SPORTS



FABRIC							
Thickness		2.5 mm					
Fabric type		Neoprene					

SIZES							
Man	S	M	L	XL	XXL	3XL	
She Dives	4	6	8	10	12	14	16

# REEF SHORTY

code: 482067 Man

- QUALITY AND NICE FINISH
- COOL, STYLISH, LIGHTWEIGHT AND EXCELLENT FOR WARM WATER DIVES AND LONG SNORKELING SESSIONS
- HIGH LEVEL OF FINISH ON ALL DETAILS INCLUDING NECK CUSTOM CLOSURE AND BACK ZIP PULLER
- SMOOTH SKIN FRONT PANEL MAKING THE SHORTY SUITABLE FOR SURFING AND WATER SKIING



FABRIC							
Thickness		2.5 mm					
Fabric type		Neoprene					

SIZES							
Man	S	M	L	XL	XXL	3XL	

# CORAL

code: 482068 Man  
code: 482084 She Dives

- A COMFORTABLE SECOND SKIN FOR TROPICAL DIVES
- EASY DONNING AND DOFFING
- CAN ALSO BE WORN AS AN UNDER SUIT
- RUBBER KNEE PADS
- METALITE FABRIC INSIDE WITH HEAT RETAINING EFFECT



FABRIC							
Thickness		1 mm					
Fabric type		Neoprene					

SIZES							
Man	S	M	L	XL	XXL	3XL	
She Dives	4	6	8	10	12	14	16

# THERMO GUARD



**LONG SLEEVE**  
code: 482058 Man  
code: 482059 She Dives

**SHORT SLEEVE**  
code: 482056 Man

- BODY CORE COMFORT FOR ALL WATER SPORTS
- EASY TO WEAR AND SMOOTH ON YOUR SKIN
- METALITE COATING HELPS RETAIN HEAT FOR SUPERIOR WARMTH
- FLAT STITCHING FOR COMFORTABLE CONTACT WITH YOUR BODY



FABRIC							
Thickness		0.5 mm					
Fabric type		Neoprene / Metalite inside					

SIZES							
Man	S	M	L	XL	XXL	3XL	
She Dives	4	6	8	10	12	14	16



# RASH GUARD

UPF protection 50+

LONG SLEEVE							
code: 482060 Man							
code: 482077 <div></div> She Dives							
code: 482061 <div></div> She Dives							
SHORT SLEEVE							
code: 482062 Man							
code: 482076 <div></div> She Dives							
code: 482063 <div></div> She Dives							
SHORTS							
code: 412966 Man							

- FOR ALL KINDS OF WATER SPORTS
- COOL, LIGHTWEIGHT MATERIAL
- FAST DRYING
- FLAT SEAM CONSTRUCTION FOR COMFORT



FABRIC							
Thickness				-			
Fabric type				Polyester / Spandex			
SIZES							
Man	S	M	L	XL	XXL	3XL	
She Dives	4	6	8	10	12	14	16

# RASH GUARD LOOSE FIT

UPF protection 30+

LONG SLEEVE							
code: 412940 Man							
code: 412944 <div></div> She Dives							
SHORT SLEEVE							
code: 412941 Man							
code: 412945 <div></div> She Dives							
■ BE COOL AND PROTECTED							
■ LOOSE FIT STYLE							
■ NEW VIBRANT COLORS							
■ FAST DRYING							
■ IDEAL AS AN UNDERGARMENT OR BY ITSELF							
■ FLAT SEAM CONSTRUCTION FOR COMFORT							



FABRIC							
Thickness			-				
Fabric type			Nylon / Spandex				
SIZES							
Man		XS	S	M	L	XL	*
She Dives	XXS	XS	S	M	L	*	

# BOOTS

## TRILASTIC BOOT

code: 412616	6.5 mm
code: 412612	5 mm



TECHNICAL FEATURES											
Thickness		6.5 mm									
Size		5	6	7	8	9	10	11	12		
Thickness		5 mm									
Size		4	5	6	7	8	9	10	11	12	13

## CLASSIC BOOT

code: 412610	5 mm
code: 482114	3 mm



TECHNICAL FEATURES														
Thickness		5 mm / 3 mm												
Size		4	5	6	7	8	9	10	11	12	13	14	15	

## CLASSIC SOCK

code: 412611	3 mm
code: 484209	1.5 mm



TECHNICAL FEATURES							
Thickness	3 mm						
Size	XXS	XS	S	M	L	XL	
Thickness	1.5 mm						
Size	6/7	7/8	8/9	9/10	10/11	11	12

## FLEXA DS

code: 412626
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TECHNICAL FEATURES											
Thickness		5 mm									
Size		5	6	7	8	9	10	11	12		

## EQUATOR

code: 412613
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TECHNICAL FEATURES														
Thickness		2 mm												
Size		5	6	7	8	9	10	11	12	13	14	15		

## HOODS

## FLEXA HOOD W/ BIB

code: 482113	6-4-3 mm
code: 482115	5 mm



TECHNICAL FEATURES						
Thickness	6-4-3 mm					
Size	XS	S	M	L	XL	
Thickness	5 mm					
Size	XS	S	M	L	XL	2XL



GLOVES

FLEXA FIT

code: 412718



TECHNICAL FEATURES

Thickness	5 mm					
Size	XS	S	M	L	XL	XXL

AMARA

code: 480016



TECHNICAL FEATURES

Thickness	2 mm					
Size	XS	S	M	L	XL	

FLEXA TOUCH

code: 412721



TECHNICAL FEATURES

Thickness	2 mm		
Size	XS/S	M/L	XL/XXL

FLEXA CLASSIC

code: 412719



TECHNICAL FEATURES

Thickness	3 mm					
Size	XXS	XS	S	M	L	XL




TECHNICAL SPECIFICATIONS



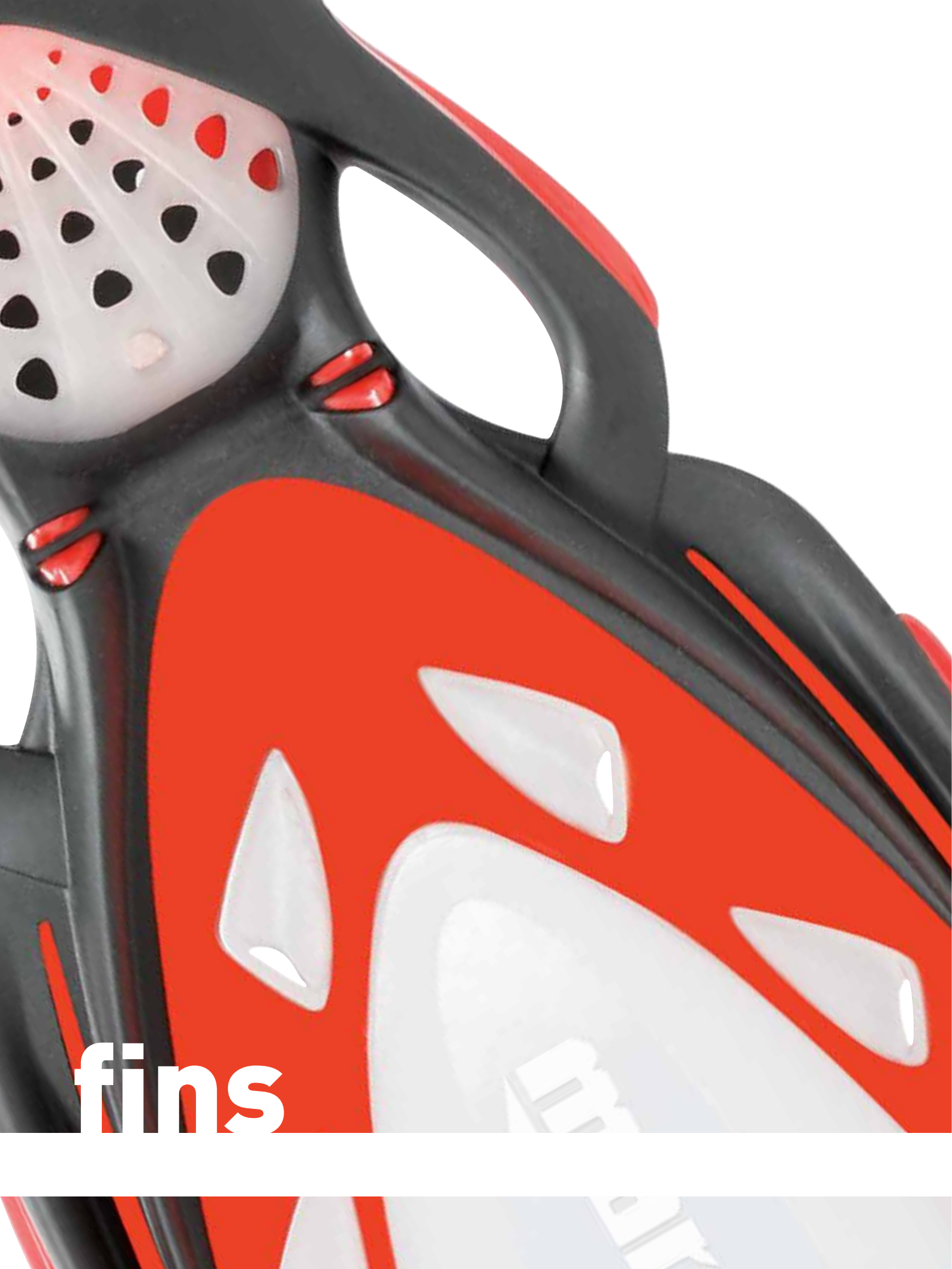
Suit	Flexa			Reef		Reef Shorty	Coral	
Model	Man	Man	She Dives	Man	She Dives	Man	Man	She Dives
Code	482050	482051	482080	482082	482081	482067	482068	482084
Thickness	8 · 6 · 5		5 · 4 · 3		2.5		2.5	
Sizes	S · M · L · XL · XXL · 3XL	S · M · L · XL · XXL · 3XL	4 · 6 · 8 · 10 · 12 · 14 · 16	S · M · L · XL · XXL · 3XL	4 · 6 · 8 · 10 · 12 · 14 · 16	S · M · L · XL · XXL · 3XL	S · M · L · XL · XXL · 3XL	4 · 6 · 8 · 10 · 12 · 14 · 16
FOR COLD WATER	■							
FOR TEMPERATE WATER			■					
FOR WARM WATER				■		■		■
BACK PROTECTION SYSTEM			■					
THERMO PLUSH	■		■					

\* The 3XL size is available in some countries. Please check with your local Sales Representative or Customer Service Department

NEOPRENE BOOTS

	 Europe	 United States	 Japan
3XS	35/36	4	-
2XS	36/37	5	23 cm
XS	38	6	24 cm
S	39/40	7	25 cm
M	40/41	8	26 cm
L	41/42	9	27 cm
XL	43	10	28 cm
2XL	44/45	11	29 cm
3XL	45/46	12	-
4XL	47	13	-





fins

## X-STREAM

code: 410019

- ABS PLUS BUCKLES AND PERFORATED PULL TAB
- RIDDLED FOOT POCKET AVOIDS "PARACHUTE EFFECT"
- NEXT GENERATION OPB
- TRI-MATERIAL BLADE CONSTRUCTION REDUCES TURBULENCE
- CHANNEL THRUST TECHNOLOGY

### COLOR VARIATIONS



YL

BL

RD

TBK



WH

JKP

### TECHNICAL FEATURES

Sizes	XS	S	R	XL**
Fit	34/37	37/41	41/44	44/48
Blade*	34,5 cm / 13.6 in	36 cm / 14.2 in	37 cm / 14.6 in	38 cm / 15 in

\* From end of footpocket to end of blade  
\*\* Pink not available.

### DETAILS



Riddled foot pocket



ABS plus buckles



Venting system



Perforated pull tab





EXCEL +

code: 410018

- ABS PLUS BUCKLES
- LONGER, MORE COMFORTABLE FOOT POCKET
- ELASTIC OPB OPTIMIZES EFFICIENCY
- TRI-MATERIAL BLADE WITH CHANNEL THRUST TECHNOLOGY



POWER PLANA

code: 410007

- BUNGEE STRAP
- FULL SHAPE FOOT POCKET
- MADE IN NATURAL RUBBER
- NEGATIVE BUOYANCY



VOLO POWER

code: 410008

- ABS PLUS BUCKLES
- OPB SYSTEM FOR GREAT KICKING EFFICIENCY
- CHANNEL THRUST TECHNOLOGY



VOLO RACE

code: 410313

- ANATOMICAL FOOT POCKET
- OPB SYSTEM FOR EASY KICKING EFFICIENCY
- CHANNEL THRUST TECHNOLOGY



COLOR VARIATIONS



YL

BL

SI

TECHNICAL FEATURES

Sizes	XS**	S	R	XL
Fit	34/37	37/41	41/44	44/48
Blade*	36 cm / 14.1 in	39 cm / 15.3 in	40 cm / 15.7 in	40 cm / 15.7 in

\* From end of footpocket to end of blade  
\*\* Size XS only in SI.

TECHNICAL FEATURES

Sizes	S	R	XL	XXL
Fit	37/41	41/44	44/48	44/50**
Blade*	29 cm / 11.4in	29 cm / 11.4in	29,5 cm / 11.6 in	29,5 cm / 11.6 in

\*\* Thick-soled (Rock Boots)  
\* From end of footpocket to end of blade

COLOR VARIATIONS



YL

BL

SI

TECHNICAL FEATURES

Sizes	S	R	XL
Fit	37/41	41/44	44/48
Blade*	36 cm / 14.2 in	37 cm / 14.6 in	37 cm / 14.6 in

\* From end of footpocket to end of blade

COLOR VARIATIONS



YL

BL

BGR

TECHNICAL FEATURES

Sizes	36/37	38/39	40/41	42/43	44/45	46/47
Blade*	33,5 cm 13.2 in	33,5 cm 13.2 in	36,5 cm 14.5 in	37 cm 14.6 in	39,5 cm 15.6 in	39,5 cm 15.6 in

\* From end of footpocket to end of blade



# AVANTI QUATTRO +

code: 410003

- BUNGEE STRAP
- HI-FLEX MATERIAL OPTIMIZES BLADE'S EFFICIENCY
- 4 CHANNELS FOR GREATER THRUSTING POWER
- STABILIZING TRIM TABS



## COLOR VARIATIONS



TECHNICAL FEATURES			
Sizes	S	R	XL
Fit	37/41	41/44	44/48
Blade*	37 cm / 14.6 in	38 cm / 15 in	39 cm / 15.3 in

\* From end of footpocket to end of blade

# AVANTI QUATTRO POWER

code: 410301

- ANATOMICAL FOOT POCKET
- RUBBERIZED SIDE RIBS
- 4 CHANNELS FOR GREATER THRUSTING POWER
- LONG BLADE, IDEAL FOR BOTH SCUBA AND APNEA



## COLOR VARIATIONS



TECHNICAL FEATURES			
Sizes	40/41	42/43	44/45
Blade*	44 cm 17.3 in	45,5 cm 17.9 in	45,5 cm 17.9 in

\* From end of footpocket to end of blade

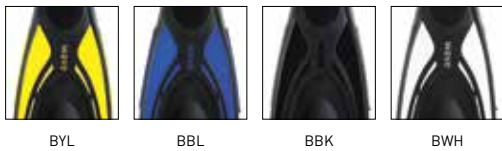
# WAVE

code: 410017

- ABS PLUS BUCKLES
- ANATOMICAL FOOT POCKET
- TRI-MATERIAL CONSTRUCTION
- HUGE SUPERCHANNEL PRODUCES GREAT THRUST



## COLOR VARIATIONS



TECHNICAL FEATURES				
Sizes	XS	S	R	XL
Fit	34/37	37/41	41/44	44/48
Blade*	36 cm / 14.1 in	37 cm / 14.6 in	39 cm / 15.3 in	39,5 cm / 15.6 in

\* From end of footpocket to end of blade

# WAVE FF

code: 410332

- ANATOMICAL FOOT POCKET
- TRI-MATERIAL CONSTRUCTION
- HUGE CHANNEL, GREAT THRUST



## COLOR VARIATIONS



TECHNICAL FEATURES						
Sizes	36/37	38/39	40/41	42/43	44/45	46/47
Blade*	34,5 cm 13.6 in	35 cm 13.8 in	35,5 cm 14 in	36 cm 14.2 in	36,5 cm 14.4 in	37,5 cm 14.8 in

\* From end of footpocket to end of blade



# AVANTI SUPERCHANNEL OH

code: 410012

- ABS PLUS BUCKLES
- ANATOMICAL OPEN HEEL FOOT POCKET
- 3 CHANNEL DESIGN FOR ADDED PROPULSION
- RUGGED AND DURABLE CONSTRUCTION
- STANDARD BUNGEE STRAP



## COLOR VARIATIONS



YL

BL

BK

## TECHNICAL FEATURES

Sizes	S	R	XL
Fit	37/41	41/44	44/48
Blade*	35 cm / 13.8 in	37 cm / 14.6 in	37 cm / 14.6 in

\* From end of footpocket to end of blade

# AVANTI SUPERCHANNEL FF

code: 410317

- ORTHOPEDIC FOOT POCKET
- TECRALENE BLADE FOR SUPERIOR PERFORMANCE AND DURABILITY
- 3 CHANNEL DESIGN FOR ADDED PROPULSION



## COLOR VARIATIONS



YL

BL

RD

WH

## TECHNICAL FEATURES

Sizes	36/37	38/39	40/41	42/43	44/45	46/47
Blade*	32 cm 12.6 in	33 cm 13 in	34 cm 13.4 in	35,5 cm 14 in	36,5 cm 14.5 in	37 cm 14.6 in

\* From end of footpocket to end of blade

# AVANTI TRE

code: 410302

- ORTHOPEDIC FOOT POCKET
- 3 CHANNELS FOR MAXIMUM THRUST
- MID-SIZE BLADE WITH DURABLE CONSTRUCTION
- STABILIZING TRIM TABS



## COLOR VARIATIONS



YL

BL

BK

## TECHNICAL FEATURES

Sizes	36/37	38/39	40/41	42/43	44/45	46/47
Blade*	31 cm 12.2 in	33 cm 13 in	34 cm 13.4 in	36 cm 14.2 in	36,5 cm 14.5 in	37,5 cm 14.8 in

\* From end of footpocket to end of blade

# RAPTOR

code: 410014

- ABS PLUS BUCKLES
- WHALE TAIL DESIGN FOR POWERFUL FOOT-BLADE POWER TRANSMISSION
- SPLIT FIN FOR MAXIMUM THRUST



## COLOR VARIATIONS



BL

BK

## TECHNICAL FEATURES

Sizes	S	R	XL
Fit	37/41	41/44	44/48
Blade*	37,5 cm / 14.8 in	38 cm / 15 in	38,5 cm / 15.2 in

\* From end of footpocket to end of blade



ACCESSORIES

BUNGEE STRAP

code: 415353

- SMART ALTERNATIVE TO STEEL SPRING STRAPS
- 3 SIZES: XS/S - R - L
- 2 EXTENSIONS FOR A BETTER FIT
- ERGONOMIC HEEL COVER
- WIDE LOOP TO BE USED EVEN WITH THICK GLOVES



FIN STRAP

code: 415120

- UNIVERSAL FIN STRAP FOR OPEN HEEL FINS
- WIDTH: 30 mm/1.2 in - LENGTH: 460 mm/18.1 in
- HIGH QUALITY VULCANIZED RUBBER MATERIAL



ABS PLUS BUCKLE

code: 415337

- USER FRIENDLY BUCKLE SYSTEM
- EASY DONNING AND DOFFING WITH THICK GLOVES
- CAN BE MOUNTED ON ALL MARES OPEN HEEL FINS



POWER LOCK

code: 415175

- DESIGNED TO FIT FULL-FOOT FINS
- 3 SIZES: S - L - XL
- HELPS TO SECURE WHEN USING OVERSIZED FINS
- PREVENTS FIN SORES



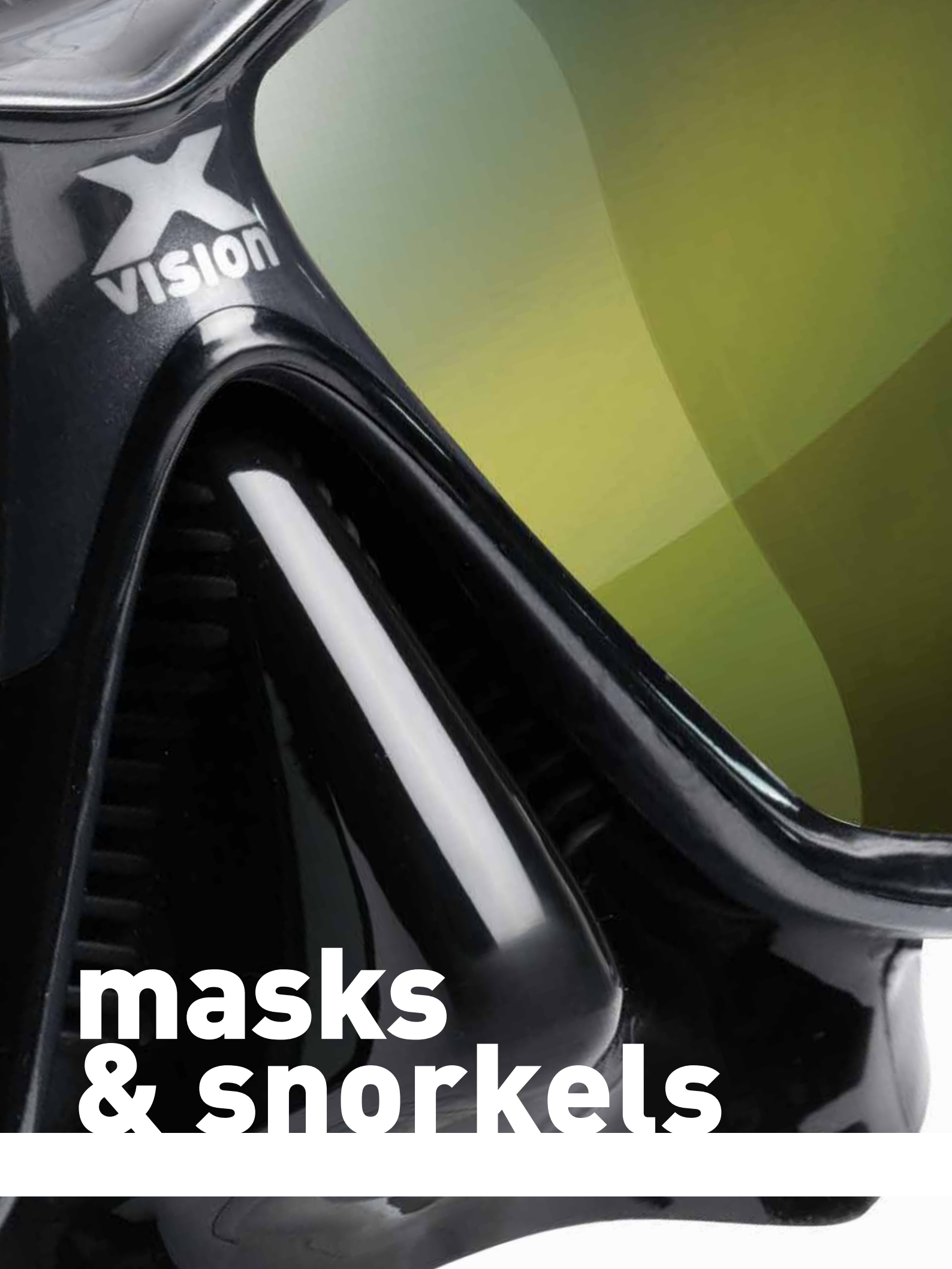
TECHNICAL SPECIFICATIONS



Fins	X-stream	Excel +	Volo Power	Volo Race	Avanti Quattro +	Avanti Quattro Power	Wave	Wave FF	Avanti Superchannel OH	Avanti Superchannel FF	Avanti Tre	Raptor	Power Plana		
Code	410019	410018	410008	410313	410003	410301	410017	410332	410012	410317	410302	410014	410007		
Sizes	XS · S · R · XL	XS** · S · R · XL	S · R · XL	36/37 38/39 40/41 42/43 44/45 46/47	S · R · XL	40/41 42/43 44/45	XS · S · R · XL	36/37 38/39 40/41 42/43 44/45 46/47	S · R · XL	36/37 38/39 40/41 42/43 44/45 46/47	36/37 38/39 40/41 42/43 44/45 46/47	S · R · XL	S · R · XL · XXL		
Colors	<div><div>YL</div><div>BL</div><div>RD</div><div>TBK</div><div>WH</div><div>JKP***</div></div>	<div><div>YL</div><div>BL</div><div>SI</div></div>	<div><div>YL</div><div>BL</div><div>SI</div></div>	<div><div>YL</div><div>BL</div><div>BGR</div></div>	<div><div>YL</div><div>BL</div><div>BK</div><div>WH</div><div>LM</div><div>FL</div></div>	<div><div>YL</div><div>BL</div><div>BK</div></div>	<div><div>BYL</div><div>BBL</div><div>BBK</div><div>BWH</div></div>	<div><div>BYL</div><div>BBL</div><div>BBK</div></div>	<div><div>YL</div><div>BL</div><div>BK</div></div>	<div><div>YL</div><div>BL</div><div>RD</div><div>WH</div></div>	<div><div>YL</div><div>BL</div><div>BK</div></div>	<div><div>YL</div><div>BL</div><div>BK</div></div>	<div><div>BL</div><div>BK</div></div>	<div><div>BK</div></div>	
OPB · Optimized Pivoting Blade	■	■	■	■											
CHANNEL THRUST	■	■	■	■	■	■	■	■	■	■	■				
TRI-MATERIAL CONSTRUCTION	■	■													
Blade*: Open heel (size R) Full foot (size 42/43)	Length	cm	37	40	37	37	38	45,5	39	36	37	35,5	36	38	27,5
		in	14.6	15.7	14.6	14.6	15	17.9	15.3	14.2	14.6	14	14.2	15	10.8
	Thrust Area	cm²	750	800	700	680	780	960	780	650	730	650	680	640	600
		in²	116.3	124.0	108.5	105.4	120.9	148.8	120.9	100.7	113.1	100.7	105.4	99.2	93
Weight one fin without buckles (size R or 42/43)	Kg		0,7	0,9	0,7	0,7	0,9	1	0,8	0,6	0,9	0,7	0,6	1,1	1,3
	lb		1.5	2	1.5	1.5	2	2.2	1.8	1.3	2	1.5	1.3	2.4	2.9
Thermoplastic rubber/ Technopolymers	■		■	■	■		■	■				■			
Thermoplastic rubber/ Tecralene®						■	■		■	■	■				
Natural rubber														■	

\* From end of footpocket to end of blade / \*\* Size XS only in SI / \*\*\* XL version not available / \*\*\*\* Asian sizes





# masks & snorkels

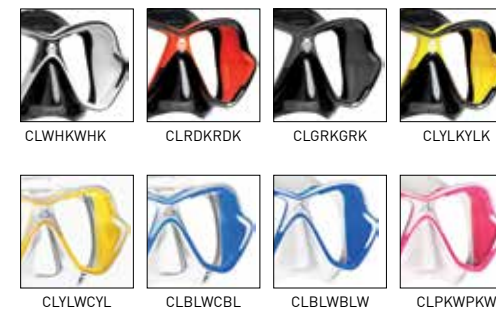
## X-VISION ULTRA Liquid

code: 411052

- ULTRA CLEAR SKIRT (CLYLWCYL, CLBLWCBL)
- MIRRORED GOLD LENSE INCREASES VISIBILITY IN CLOUDY WATERS (GOGRKGRK)
- MIRRORED SILVER LENSE REDUCES THE REFLECTION OF SHALLOW WATER OR SANDY SEABED (SIGRKGRK)
- NEW BI-SILICONE SKIRT CONTOURED FOR ENHANCED FIT AND COMFORT
- LOW DRAG DESIGN
- SMALL RIBS AROUND NOSE TO RELIEVE PRESSURE
- FIELD OF VISION 20% WIDER THAN PREVIOUS VERSION
- X-SHAPED BI-SILICONE STRAP



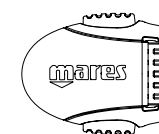
### COLOR VARIATIONS



### TECHNICAL FEATURES

Weight (g)	183
Optical lens	
-1,0 / -1,5 / -2,0 / -2,5 / -3,0 / -3,5 / -4,0 / -4,5 / -5,0 / -5,5 / -6,0 / -6,5 / -7,0	
+1,5 / +2,0 / +2,5 / +3,0	
code: 411194	

### DETAILS / BUCKLE

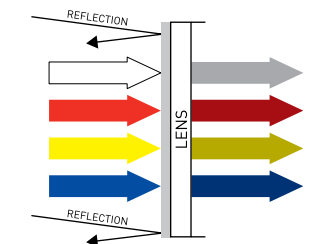


### COLOR VARIATIONS MIRRORED



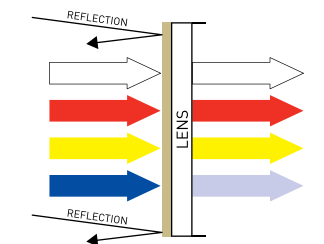
### MIRRORED SILVER COATING

Reduces the diffuse reflection of shallow waters and sandy seabeds.



### MIRRORED GOLD COATING

Reduces the dominant blue color and increases contrast and visibility.



### MIRRORED LENSES

Mirrrored lenses do not hide the user's eyes, ensuring visual contact when diving.





# X-VU

code: 411033  
code: 411041 Sunrise

- BI-SILICONE SKIRT FOR UNMATCHED COMFORT
- SMALL RIBS AROUND NOSE TO RELIEVE PRESSURE
- X-SHAPED BI-SILICONE STRAP
- SUNRISE VERSION AVAILABLE



## COLOR VARIATIONS



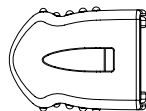
\*Until end of stock

 sunrise

## TECHNICAL FEATURES

Weight (g)	173
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## DETAILS / BUCKLE



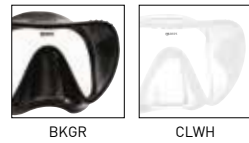
# ESSENCE

code: 411031

- BI-SILICONE SKIRT FOR UNMATCHED COMFORT
- LIGHT AND FOLDABLE, ALSO IDEAL AS SPARE MASK
- AMPLE FIELD OF VISION
- X-SHAPED BI-SILICONE STRAP
- SINGLE LENS DESIGN



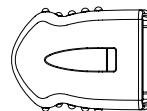
## COLOR VARIATIONS



## TECHNICAL FEATURES

Weight (g)	185
------------	-----

## DETAILS / BUCKLE



# I3

code: 411040

- SILICONE SKIRT
- SMALL RIBS AROUND NOSE TO RELIEVE PRESSURE
- GREAT PERIPHERAL VISION
- X-SHAPED SILICONE STRAP

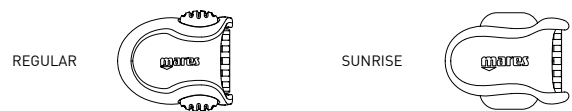
## COLOR VARIATIONS



## TECHNICAL FEATURES

Weight (g)	210
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## DETAILS / BUCKLE





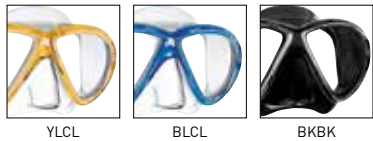
## X-VU

code: 411036

- SILICONE SKIRT
- SMALL RIBS AROUND NOSE TO RELIEVE PRESSURE
- X-SHAPED SILICONE STRAP



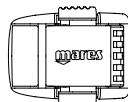
### COLOR VARIATIONS



### TECHNICAL FEATURES

Weight (g)	174
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### DETAILS / BUCKLE



## X-VISION

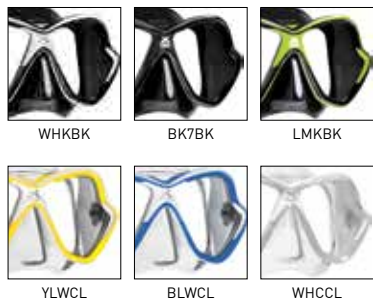
NEW

code: 411053

- ULTRA CLEAR SILICONE
- LOW DRAG DESIGN
- SMALL RIBS AROUND NOSE TO RELIEVE PRESSURE
- FIELD OF VISION 20% WIDER THAN PREVIOUS VERSION
- X-SHAPED SILICONE STRAP
- OPTICAL LENSES AVAILABLE



### COLOR VARIATIONS



### TECHNICAL FEATURES

Weight (g)	189
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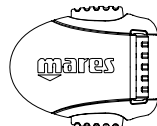
#### Optical lens

-1,0 / -1,5 / -2,0 / -2,5 / -3,0 / -3,5 / -4,0 / -4,5 / -5,0 / -5,5 / -6,0 / -6,5 / -7,0

+1,5 / +2,0 +2,5 / +3,0

code: 411194

### DETAILS / BUCKLE



## X-VISION MID

code: 411024

- SILICONE SKIRT
- MEDIUM SIZED
- WIDE VIEWING ANGLE
- X-SHAPED SILICONE STRAP
- OPTICAL LENSES AVAILABLE



### COLOR VARIATIONS



### TECHNICAL FEATURES

Weight (g)	189
------------	-----

#### Optical lens

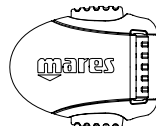
-1,0 / -1,5 / -2,0 / -2,5 / -3,0 / -3,5 / -4,0 / -4,5 / -5,0 / -5,5 / -6,0 / -6,5 / -7,0

code: 411187

+1,5 / +2,0 +2,5 / +3,0

code: 411186

### DETAILS / BUCKLE



## ONE VISION

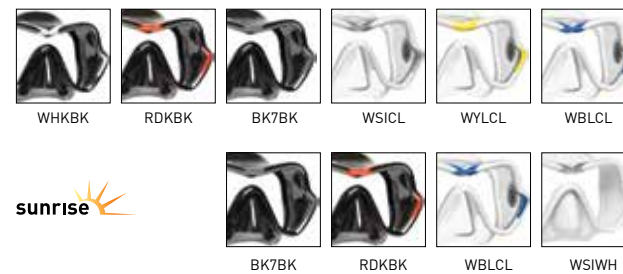
code: 411046

code: 411047 Sunrise

- SILICONE SKIRT
- LOW DRAG DESIGN
- SMALL RIBS AROUND NOSE TO RELIEVE PRESSURE
- SINGLE LENS DESIGN
- X-SHAPED SILICONE STRAP
- SUNRISE VERSION AVAILABLE



### COLOR VARIATIONS

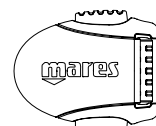


sunrise

### TECHNICAL FEATURES

Weight (g)	200
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### DETAILS / BUCKLE





# OPERA

code: 411019

- SILICONE SKIRT
- STURDY AND DURABLE CONSTRUCTION
- OVAL SHAPED SILICONE STRAP
- OPTICAL LENSES AVAILABLE



## COLOR VARIATIONS



TBK BK

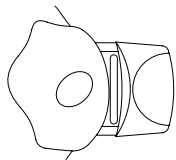
## TECHNICAL FEATURES

Weight (g)	184
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Optical lens
-1,0 / -1,5 / -2,0 / -2,5 / -3,0 / -3,5 / -4,0 / -4,5 / -5,0 / -5,5 / -6,0 / -6,5 / -7,0

code: 411182

## DETAILS / BUCKLE



# TANA

code: 411055

- SILICONE SKIRT
- SOFT TOUCH INSERTS ON THE FRAME FOR GRIP
- LIGHTWEIGHT
- SIDE GUSSETS AT THE NOSE TO FACILITATE EQUALIZING



## COLOR VARIATIONS



YL KCL



BL KCL



RD K BK



PK WWH



PU WWH



BL WCL

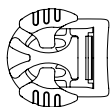


LB WWH

## TECHNICAL FEATURES





Weight (g)	155
------------	-----

## DETAILS / BUCKLE



# TECHNICAL SPECIFICATIONS



Mask	X-vision Ultra <i>Liquid</i> 		X-vu <i>Liquid</i> 		Essence <i>Liquid</i> 
	Regular	Mirrored	Regular	sunrise 	
Code	411052	411052	411033	411041	411031
Colors	<div><div><div>CLWHKWHK</div><div>CLRDKRDK</div><div>CLGRKGRK</div><div>CLYLKYLK</div><div>CLYLWCYL</div><div>CLBLWCBL</div><div>CLBLWBLW</div><div>CLPKWPKW</div></div></div> <div><div><div>SIGRKGRK</div><div>GGRKGRK</div></div></div>	<div><div><div>CYLYL</div><div>CBLBL</div><div>SBK BK</div><div>WBLWH</div><div>WPKWH</div><div>WBKWH</div><div>SWHWH *</div></div></div>	<div><div><div>GBKGR</div><div>WBLWH</div><div>WPKWH</div><div>SWHWH</div><div>WLBWH</div></div></div>	<div><div><div>BKGR</div><div>CLWH</div></div></div>	
LIQUIDSKIN	<div><div><div>■</div></div></div>	<div><div><div>■</div></div></div>	<div><div><div>■</div></div></div>	<div><div><div>■</div></div></div>	<div><div><div>■</div></div></div>
SUNRISE	<div><div><div></div></div></div>	<div><div><div></div></div></div>	<div><div><div>■</div></div></div>	<div><div><div></div></div></div>	<div><div><div></div></div></div>
TRI-COMFORT	<div><div><div>■</div></div></div>	<div><div><div>■</div></div></div>	<div><div><div>■</div></div></div>	<div><div><div></div></div></div>	<div><div><div></div></div></div>
OPTICAL LENSES	<div><div><div>■</div></div></div>	<div><div><div></div></div></div>	<div><div><div></div></div></div>	<div><div><div></div></div></div>	<div><div><div></div></div></div>
Weight (g)	183		173		185
Optical Lens (optional)	Code 411194 from -1 to -7		NO		NO
	Code 411194 from +1.5 to +3				

\*Until end of stock



Mask	i3	X-vu	X-vision	X-vision Mid	One Vision		Opera	Tana
					Regular	sunrise		
Code	411040	411036	411053	411024	411046	411047	411019	411055
Colors	<div><div>CYLYL</div><div>CBLBL</div><div>SBK BK</div></div>	<div><div>YLCL</div><div>BLCL</div><div>BK BK</div></div>	<div><div>WHK BK</div><div>BK7BK</div><div>LMK BK</div><div>YLWCL</div><div>BLWCL</div><div>WHCCL</div></div>	<div><div>CLCBL</div><div>BK BK</div><div>CLWLB</div><div>CLBGR</div></div>	<div><div>WHK BK</div><div>RD K BK</div><div>BK7BK</div><div>WSICL</div><div>WYLCL</div><div>WBLCL</div></div>	<div><div>BK7BK</div><div>RD K BK</div><div>WBLCL</div><div>WSIWH</div></div>	<div><div>TBK BK</div></div>	<div><div>YLKCL</div><div>BLKCL</div><div>RD K BK</div><div>PK WWH</div><div>PU WWH</div><div>BLWCL</div><div>LB WWH</div></div>
LIQUIDSKIN								
SUNRISE	■				■			
TRI-COMFORT	■	■	■	■	■			
OPTICAL LENSES			■				■	
Weight (g)	210	174	189	183	200		184	155
Optical Lens (optional)	NO	NO	Code 411194 from -1 to -7	Code 411187 from -1 to -7	NO		Code 411182 from -1 to -7	NO
			Code 411194 from +1.5 to +3	Code 411186 from +1.5 to +3			NO	



# ERGO DRY

code: 481053

- 100% DRY TOP
- SLIDING SWIVEL SNORKEL KEEPER
- CORRUGATED SILICONE HOSE AND MOUTHPIECE
- EXHAUST VALVE
- SUITABLE FOR DIVING OR EXTENDED SNORKELING SESSIONS



## COLOR VARIATIONS



# ERGO SPLASH

code: 481054

- SEMIDRY TOP WITH ANTI-SPLASH
- SLIDING SWIVEL SNORKEL KEEPER
- CORRUGATED SILICONE HOSE AND MOUTHPIECE
- EXHAUST VALVE
- SUITABLE FOR DIVING OR EXTENDED SNORKELING SESSIONS



## COLOR VARIATIONS



# ERGO FLEX

code: 481055

- SLIDING SWIVEL SNORKEL KEEPER
- CORRUGATED SILICONE HOSE AND MOUTHPIECE
- EXHAUST VALVE
- SUITABLE FOR DIVING OR EXTENDED SNORKELING SESSIONS



## COLOR VARIATIONS



# ACCESSORIES

## MASK STRAP LiquidSkin

code: 415115 WHITE

code: 415116 BLACK

- MASK STRAP FOR LIQUIDSKIN MASKS
- WIDTH: 14 mm/0.55 in - LENGTH: 580 mm/22.8 in
- BI-SILICONE MATERIAL



## MASK STRAP

code: 415105 CLEAR

code: 415106 BLACK

- UNIVERSAL MASK STRAP
- WIDTH: 14 mm/0.55 in - LENGTH: 560 mm/22.0 in
- SILICONE MATERIAL



# TECHNICAL SPECIFICATIONS



Snorkel	Ergo Dry	Ergo Splash	Ergo Flex
Code	481053	481054	481055
Colors	<div><div>RYL</div><div>RBL</div><div>BK</div><div>CL</div><div>RD</div><div>LM</div><div>RPK</div><div>FL</div><div>BWH</div><div>BRD</div><div>BYL</div><div>BLM</div><div>JLB</div><div>JPK</div><div>WH</div><div>DBL</div></div>	<div><div>RYL</div><div>RBL</div><div>BK</div><div>CL</div><div>RD</div><div>RPK</div><div>JPK</div><div>DBL</div></div>	<div><div>RYL</div><div>RBL</div><div>BK</div><div>CL</div><div>RPK</div><div>DBL</div></div>
DRY TOP	■		
PURGE VALVE	■	■	■





accessories

## EOS 20RZ

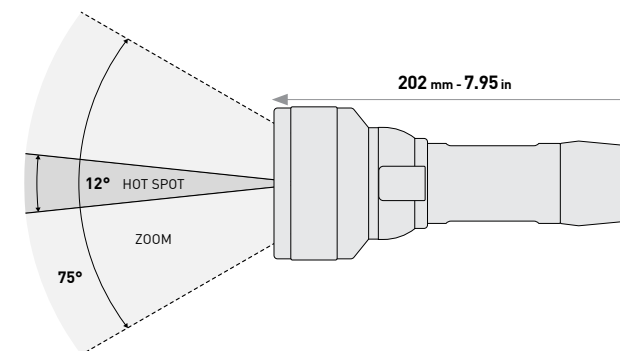
code: 415675

NEW

- 2000 LUMENS
- MAGNETIC ADJUSTABLE FOCUS
- 105 MINUTES OF BURN TIME
- INTERNAL RECHARGEABLE BATTERY
- USB RECHARGEABLE CABLE
- LED CHARGE INDICATOR
- WIDE BEAM
- MAGNETIC SWITCH; FOUR OPTIONS: ON, LOW, FLASH, OFF
- ONE-HAND USE



### TECHNICAL FEATURES



Bulb	3 Cree XP-L LED Chip		
Switch mode	High	Low	Flash/SOS
Led lumens (25°)	2000	600	/
Burn time (min)	105	190	330
Color temperature (k)	5700-7800		
Light beam (1m distance)	Hot Spot (12°)		Corona (75°)
	(Mm/in)		240/9.4 1550 / 61
Rechargeable batteries (li-ion)	1x ICR26800		
Time to charge	7h (5V1A adapter) - 14h (PC 500mA)		
Total length (mm/in)	202/7.8		
Head diameter (mm/in)	62 / 2.4		
Body diameter (mm/in)	37 / 1.5		
Weight with batteries (gr/oz)	579/20.3		
Max operating depth (m/feet)	120 / 393		

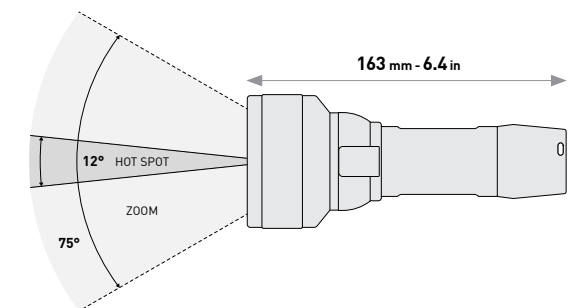
## EOS 12RZ

code: 415670

- ADJUSTABLE FOCUS
- RECHARGEABLE BATTERY
- USB CHARGING CABLE
- LED CHARGE INDICATOR
- WIDE LIGHT BEAM
- MAGNETIC SWITCH; FOUR OPTIONS: ON, LOW, FLASH, OFF
- TUBULAR HANDLE
- ADJUSTABLE WRIST STRAP



### TECHNICAL FEATURES



Bulb	3 Cree XP-G2 LED Chip		
Switch mode	High	Low	Flash/SOS
Led lumens (25°)	1200	300	/
Burn time (min)	120	300	360
Color temperature (k)	5800 ÷ 6900		
Light beam (1m distance)	Hot Spot (12°)		Corona (75°)
	(Mm/in)		230 / 9.0 1550 / 61
Rechargeable batteries (li-ion)	1x ICR26650		
Time to charge	6 h (5V1A adapter) - 12 h (PC 500mA)		
Total length (mm/in)	163 / 6.4		
Head diameter (mm/in)	62 / 2.4		
Body diameter (mm/in)	37 / 1.5		
Weight with batteries (gr/oz)	448 / 15.7		
Max operating depth (m/feet)	120 / 393		



EOS 7RZ

code: 415671

- ADJUSTABLE FOCUS
- RECHARGEABLE BATTERY
- USB CHARGING CABLE
- LED CHARGE INDICATOR
- WIDE LIGHT BEAM
- MAGNETIC SWITCH; FOUR OPTIONS: ON, LOW, FLASH, OFF
- ONE-HAND USE
- TUBULAR HANDLE
- ADJUSTABLE WRIST STRAP



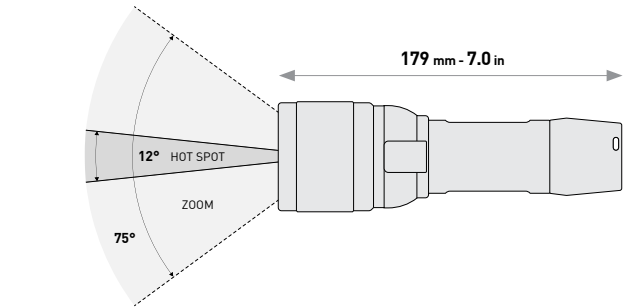
EOS 4RZ

code: 415672

- ADJUSTABLE FOCUS
- RECHARGEABLE BATTERY
- USB CHARGING CABLE
- LED CHARGE INDICATOR
- WIDE LIGHT BEAM
- MAGNETIC SWITCH; FOUR OPTIONS: ON, LOW, FLASH, OFF
- ONE-HAND USE
- TUBULAR HANDLE
- ADJUSTABLE WRIST STRAP

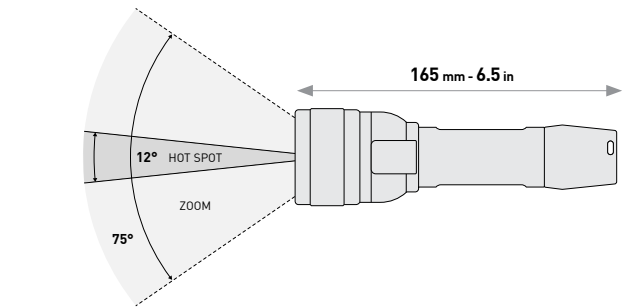


TECHNICAL FEATURES



Bulb	1 Cree XM-L T6 LED Chip		
Switch mode	High	Low	Flash/SOS
Led lumens [25°]	700	200	/
Burn time [min]	150	510	420
Color temperature [k]	5600 ÷ 6600		
Light beam (1m distance)	Hot Spot [12°]		Corona [75°]
(Mm/in)	220 / 8.6		1550 / 61
Rechargeable batteries (li-ion)	1x ICR26650		
Time to charge	6 h (5V1A adapter) - 12 h (PC 500mA)		
Total length (mm/in)	179 / 7.0		
Head diameter (mm/in)	52 / 2.0		
Body diameter (mm/in)	37 / 1.5		
Weight with batteries (gr/oz)	413 / 14.5		
Max operating depth (m/feet)	120 / 393		

TECHNICAL FEATURES



Bulb	1 Cree XP-G2 LED Chip		
Switch mode	High	Low	Flash/SOS
Led lumens [25°]	400	100	/
Burn time [min]	150	480	360
Color temperature (k)	5800 ÷ 6900		
Light beam (1m distance)	Hot Spot [12°]		Corona [75°]
(Mm/in)	220 / 8.6		1550 / 61
Rechargeable batteries (li-ion)	1x ICR18650		
Time to charge	4 h 30' (5V1A adapter) - 6 h (PC 500mA)		
Total length (mm/in)	165 / 6.5		
Head diameter (mm/in)	43 / 1.7		
Body diameter (mm/in)	29 / 1.1		
Weight with batteries (gr/oz)	278 / 9.7		
Max operating depth (m/feet)	120 / 393		

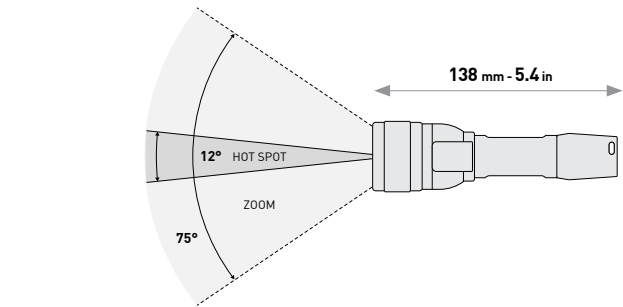
EOS 2RZ

code: 415673

- ADJUSTABLE FOCUS
- RECHARGEABLE BATTERY
- USB CHARGING CABLE
- LED CHARGE INDICATOR
- WIDE LIGHT BEAM
- MAGNETIC SWITCH; FOUR OPTIONS: ON, LOW, FLASH, OFF
- ONE-HAND USE
- TUBULAR HANDLE
- ADJUSTABLE WRIST STRAP



TECHNICAL FEATURES



Bulb	1 Cree XPE LED Chip		
Switch mode	High	Low	Flash/SOS
Led lumens [25°]	220	60	/
Burn time (min)	75	180	180
Color temperature (k)	6700 ÷ 7800		
Light beam (1m distance)	Hot Spot [12°]		Corona [75°]
(Mm/in)	220 / 8.6		1550 / 61
Rechargeable batteries (li-ion)	1x ICR14500		
Time to charge	3 h (5V1A adapter) - 3 h (PC 500mA)		
Total length (mm/in)	138 / 5.4		
Head diameter (mm/in)	35 / 1.3		
Body diameter (mm/in)	23 / 0.9		
Weight with batteries (gr/oz)	148 / 5.2		
Max operating depth (m/feet)	120 / 393		

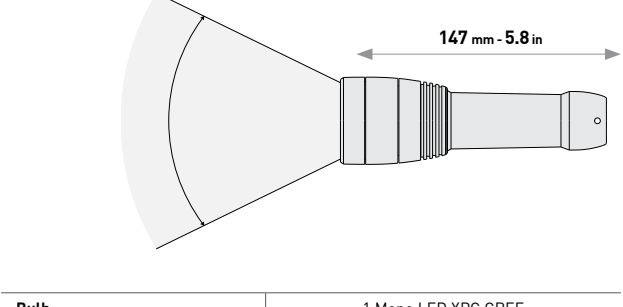
EOS 2C

code: 415668

- 3W MONO LED
- ANODIZED ALUMINUM HOUSING
- ROTATIONAL HEAD SWITCH
- 3 TYPE AAA ALKALINE BATTERIES (NOT INCLUDED)
- USER REPLACEABLE BATTERIES
- TUBULAR HANDLE
- ADJUSTABLE WRIST STRAP



TECHNICAL FEATURES



Bulb	1 Mono LED XPG CREE
Color Temperature (K)	6.000
Light Intensity Control	NO
** Hot Spot Diameter (mm/in)	140/5.51
Switch	Rotational
Lumens (25°)	240
** Hot Spot Brightness (lux)	17.000
Burn Time	5-6h
Switch Operation	Mechanical
Batteries	3xAAA (Alkaline)
Rechargeable Batteries	OPTION (2700 mAh)
Total Length (mm/in)	147 / 5.78
Head Diameter (mm/in)	44 / 1.73
Body Diameter (mm/in)	28 / 1.10
Weight (gr/oz) (*wo batteries)	197 / 6.94 (*)
Max Operating Depth (m/feet)	120 / 393

\*\* Characteristics of the beam of light are measured at a distance of 800 mm / 31.5 in.



# TORCH ADAPTER

code: 415179

- TURN THE TORCH INTO A VIDEO LIGHT
- DESIGNED FOR FLEXIBLE ARM
- A QUICK, EASY AND RELIABLE SOLUTION
- SIZE: 34 mm
- STAINLESS STEEL WITH RUBBER PROTECTION



# FORCE BAT TITANIUM

code: 415624

- BETA TITANIUM BLADE WITH SPECIAL SERRATED EDGE
- 40% HARDER THAN TITANIUM
- EXTREMELY LIGHTWEIGHT
- CAN EASILY BE OPENED WITH ONE HAND
- CARABINER WITH NYLON STRAP INCLUDED



TECHNICAL FEATURES	
Blade	Beta Titanium
Blade length	90 mm / 3.5 in

# FORCE PLUS

code: 415626

- SOFT OVERMOLDED ERGONOMIC HANDLE
- FITS ON MARES BCDS, BAGS AND HOSES
- EASY RELEASE SYSTEM, EVEN WITH GLOVES



TECHNICAL FEATURES	
Blade	Stainless Steel - PVD Coated
Blade length	100 mm / 3.9 in

# FORCE NANO PLUS

code: 415627

- SOFT OVERMOLDED ERGONOMIC HANDLE
- FITS ON MARES BCDS, BAGS AND HOSES
- EASY RELEASE SYSTEM, EVEN WITH GLOVES



TECHNICAL FEATURES	
Blade	Stainless Steel - PVD Coated
Blade length	65 mm / 2.6 in

# CRUISE SYSTEM

code: 415500

- TELESCOPING HANDLE
- WIDE WHEEL PLACEMENT
- EXTERNAL HOOK WITH DEDICATED POCKET
- ADJUSTABLE EXTERNAL COMPRESSION STRAPS
- ULTRA-LIGHT BUCKLES
- FRONT AND SIDE HANDLES
- 3 UNIVERSAL HANGERS WITH DOUBLE ATTACHMENT, INCLUDED
- RINSE AND DRY EQUIPMENT INSIDE THE BAG
- OPEN/CLOSE VENTILATION SYSTEM
- FOUR INTERNAL MESH POCKETS
- DETACHEABLE MESH BAG WITH DRAINING SYSTEM



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
51x31x79 cm / 20"x12"x31"	5,9 Kg / 13.2 lb	122 L / 7436 cu.in.

# CRUISE BACKPACK

code: 415510

- TELESCOPING HANDLE
- LARGE STURDY WHEELS
- EXTERNAL FIN POCKETS WITH DRAINAGE SYSTEM
- ADJUSTABLE EXTERNAL COMPRESSION STRAPS
- ULTRA-LIGHT BUCKLES
- AIR MESH HANDLE
- PADDED SHOULDER STRAPS
- INTEGRATED FRONT POCKETS
- A.T.O. - AIR TRAVEL OPTIMIZED



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
40x31x80 cm / 16"x12"x31.5"	4,4 Kg / 9.7 lb	100 L / 6071 cu.in.

# CRUISE BACKPACK PRO

code: 415541

- TELESCOPING HANDLE
- LARGE STURDY WHEELS
- EXTERNAL FIN POCKETS WITH DRAINAGE SYSTEM
- ADJUSTABLE EXTERNAL COMPRESSION STRAPS
- ULTRA-LIGHT BUCKLES
- AIR MESH HANDLE
- PADDED SHOULDER STRAPS
- INTEGRATED FRONT POCKETS
- TOILETRY BAG WITH INTERNAL MIRROR
- A.T.O. - AIR TRAVEL OPTIMIZED



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
47x32x81 cm / 18.5"x12.5"x32"	5 Kg / 11 lb	128 L / 7811 cu.in.



# CRUISE ROLLER

code: 415542

- EASY TO FOLD AND STOW
- LARGE STURDY WHEELS
- EXTERNAL FIN POCKETS WITH DRAINAGE SYSTEM
- ADJUSTABLE EXTERNAL COMPRESSION STRAPS
- ULTRA-LIGHT BUCKLES
- AIR MESH HANDLE
- PADDED SHOULDER STRAPS
- INTEGRATED FRONT POCKETS
- LIGHTWEIGHT
- A.T.O. - AIR TRAVEL OPTIMIZED



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
47×32×81 cm / 18.5"×12.5"×32"	3 Kg / 6.6 lb	128 L / 7811 cu.in.

# CRUISE BUDDY

NEW

code: 415456

- TELESCOPING HANDLE
- WIDE WHEEL BASE FOR STABILITY
- ADJUSTABLE EXTERNAL COMPRESSION STRAPS
- TWO AIR MESH HANDLES
- INTEGRATED FRONT POCKETS WITH ZIPPERS
- ADJUSTABLE INTERNAL TIE-DOWN STRAPS
- BUSINESS CARD WINDOWS
- LIGHTWEIGHT
- A.T.O. - AIR TRAVEL OPTIMIZED



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
43×27×75 cm / 17" x 10.5" x 29.5"	3,5 Kg / 7.7 lb	87 L / 5309 cu.in.

# CRUISE BACKPACK DRY

code: 415540

- ULTRA LIGHTWEIGHT
- COMPLETELY WATERTIGHT
- LARGE INTERNAL VOLUME
- ADJUSTABLE, PADDED AND REMOVABLE SHOULDER STRAPS
- ULTRALIGHT BUCKLES



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
42×33×79 cm / 16.5"×13×31	1,1 Kg / 2.4 lb	108 L / 6590 cu.in.

# CRUISE CAPTAIN

code: 415558

- TELESCOPING HANDLE
- WIDE WHEEL PLACEMENT
- EXPANDABLE POCKET WITH ZIPPER
- INTEGRATED FRONT POCKET
- WIDE INTERNAL MESH POCKET
- COMPRESSION STRAPS WITH ULTRALIGHT BUCKLES
- TOP AND LATERAL SIDE AIR MESH HANDLES
- A.T.O. - AIR TRAVEL OPTIMIZED



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
36x22x55cm / 14"x8.5"x22"	2,8 Kg / 6.2 lb	42 L / 2563 cu.in.



CRUISE QUICK PACK

NEW

code: 415598

- CAN BE FOLDED INTO A SMALL BAG WITH HANDLE
- WATER REPELLENT COATING
- INTERNAL POCKET
- MESH COVER WITH DRAWSTRING CLOSURE
- EXTREMELY LIGHTWEIGHT



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
80×39×37 cm / 31.5"×15.5"×14.5"	0,9 Kg / 2 lb	116 L / 7079 cu.in.

CRUISE REG

code: 415546

- ADJUSTABLE SHOULDER STRAP
- ADDITIONAL COMPUTER BAG, REMOVABLE
- INTERNAL ZIPPED MESH POCKET
- VELCRO STRAPS TO ATTACH REGULATORS
- BUSINESS CARD POCKET



CRUISE X- STRAP

code: 415543

- EASY TO FOLD
- TWO LARGE INTEGRATED POCKETS
- ULTRA-LIGHT BUCKLES
- NEOPRENE HANDLES
- ADJUSTABLE, PADDED AND REMOVABLE SHOULDER STRAPS
- AUTO-BLOCKING ZIP
- EXTREMELY LIGHTWEIGHT



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
76×31×33 cm / 30"×12"×13"	1,2 Kg / 2.6 lb	76 L / 4637 cu.in.

CRUISE MESH

code: 415576

- FULL MESH
- TO STORE SCUBA DIVING OR FREE DIVING EQUIPMENT
- CAN BE FOLDED INTO A ROUND BAG WITH HANDLE



CRUISE DRY BAGS

NEW

D55

code: 415451

- DRY 55L DUFFLE BAG
- DOUBLE CLOSURE SYSTEM
- LARGE INTERNAL VOLUME
- HAND STRAP & ADJUSTABLE SHOULDER STRAP
- STURDY 500D TARPULIN
- IDEAL FOR WATERSPORTS AND OUTDOOR ACTIVITIES
- SVHC FREE MATERIAL



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
60×30×55 cm / 23.5" x 12" x 21.5"	0,9 Kg / 2 lb	55 L / 3356 cu.in.

MBP15

code: 415450

- MODULAR 15L BACKPACK
- ROLL NECK & BUCKLE CLOSURE SYSTEM
- ADJUSTABLE, PRE-SHAPED SHOULDER STRAPS
- PADDED BACKPACK
- ADJUSTABLE CHEST AND WAIST STRAPS
- REMOVABLE LAPTOP AND GADGET SLEEVE
- REMOVABLE MESH POCKET
- STURDY 500D TARPULIN
- IDEAL FOR WATERSPORTS AND OUTDOOR ACTIVITIES
- SVHC FREE MATERIAL



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
40×12×65cm / 16" x 5" x 25.5"	1,2 Kg / 2.6 lb	15 L / 915 cu.in.

TUBULAR

T35

code: 415452

T25

code: 415453

T10

code: 415454

T5

code: 415455

- DRY BAG TUBULAR AVAILABLE IN FOUR SIZES AND COLORS
- COLOR & SIZE SYSTEM
- ADJUSTABLE SHOULDER STRAP
- QUICK CLOSURE SYSTEM
- STURDY 500D TARPULIN
- IDEAL FOR WATERSPORTS AND OUTDOOR ACTIVITIES
- SVHC FREE MATERIAL





CRUISE **BACKPACK MESH DELUXE**

code: 415596

- STURDY PVC MESH NET
- ADJUSTABLE SHOULDER AND STERNUM STRAP
- LATERAL ZIP AND STURDY HANDLE
- BOTTOM PROTECTION
- INTERNAL POCKET
- WIDE EXTERNAL POCKET
- BOTTOM EXTENSION WITH DRAINAGE HOLE
- DRAWSTRING CLOSURE



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
41x41x75 cm / 16"x16"x29.5"	1,2 Kg / 2.6 lb	123,5 L / 7536 cu.in.

CRUISE **OFFICE**

code: 415544

- PROTECTION SYSTEM FOR LAPTOP
- AMPLE MULTI-USE POCKET
- EXTERNAL ZIP POCKETS
- ADJUSTABLE AND REMOVABLE SHOULDER STRAP
- HOW-TO-USE ICONS
- WIDE BAND FOR TELESCOPIC HANDLE
- ULTRALIGHT MATERIAL
- A.T.O. - AIR TRAVEL OPTIMIZED



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
42x11x33 cm / 16.5"x4.5"x13"	1,5 Kg / 3.3 lb	15 L / 915 cu.in.

CRUISE **BACKPACK MESH ELITE**

code: 415597

- CAN BE FOLDED INTO A SMALL BAG WITH HANDLE
- LIGHTWEIGHT
- INTEGRATED SOFT HANDLE
- BOTTOM PROTECTION
- INTERNAL POCKET
- WIDE EXTERNAL POCKET
- BOTTOM EXTENSION WITH DRAINAGE HOLE
- ADJUSTABLE SHOULDER STRAPS



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
39x39x74 cm / 15.5"x15.5"x29"	0,5 Kg / 1.1 lb	114 L / 6956 cu.in.

CRUISE **JOURNEY**

code: 415545

- CAMERA COMPARTMENT
- REAR ZIPPED LAPTOP POCKET
- ADJUSTABLE PADDED SHOULDER STRAPS
- INTERNAL PADDING
- AIR MESH HANDLE
- MULTI-USE POCKETS
- EXTERNAL ELASTIC
- WIDE BAND FOR TELESCOPIC HANDLE
- ULTRALIGHT MATERIAL
- A.T.O. - AIR TRAVEL OPTIMIZED



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
42x23x48 cm / 16.5"x9"x19"	1,3 Kg / 2.8 lb	27 L / 1648 cu.in.

TECHNICAL SPECIFICATIONS



Bag	Cruise Backpack Pro	Cruise Backpack	Cruise System	Cruise Roller	Cruise Buddy	Cruise X-strap	Cruise Quick Pack
Code	415541	415510	415500	415542	415456	415543	415598
Dimension (LxWxH)	47×32×81 cm 18.5"×12.5"×32"	40x31x80 cm 16"×12"×31.5"	51x31x79 cm 20"×12"×31"	47×32×81 cm 18.5"×12.5"×32"	47×32×81 cm 17"×10.5"×29.5"	76×31×33 cm 30"×12"×13"	80×39×37 cm 31.5"×15.5"×14.5"
Unit Net Weight	5 Kg / 11 lb	4,4 Kg / 9.7 lb	5,9 Kg / 13.2 lb	3 Kg / 6.6 lb	3,5 Kg / 7.7 lb	1,2 Kg / 2.6 lb	0,9 Kg / 2 lb
Volume	128 L / 7811 cu.in.	100 L / 6071 cu.in.	122 L / 7436 cu.in.	128 L / 7811 cu.in.	87 L / 5309 cu.in.	76 L / 4637 cu.in.	116 L / 7079 cu.in.
A.T.O. AIR TRAVEL OPTIMIZED	■	■	■	■	■	■	
HEAVY DUTY WHEELS	■	■	■	■	■		
BACKPACK SYSTEM	■	■		■		■	
FOLDABLE SYSTEM				■			■



Bag	Cruise Backpack Dry	Cruise Mesh Deluxe	Cruise Mesh Elite	Cruise Office	Cruise Captain	Cruise Journey	Cruise Reg	Cruise Mesh
Code	415540	415596	415597	415544	415558	415545	415546	415576
Dimension (LxWxH)	42×33×79 cm 16.5"×13"×31"	41x41x75 cm 16"×16"×29.5"	39x39x74 cm 15.5"×15.5"×29"	42×11×33 cm 16.5"×4.5"×13"	36×22×55 cm 14"×8.5"×22"	42×23×48 cm 16.5"×9"×19"	26×10×36 cm 10"×4"×14"	95.3×38.1×38.1 cm 37.5"×15"×15"
Unit Net Weight	1,1 Kg / 2.4 lb	1,2 Kg / 2.6 lb	0,5 Kg / 1.1 lb	1,5 Kg / 3.3 lb	2,8 Kg / 6.2 lb	1,3 Kg / 2.9 lb	0,25 Kg / 0.55 lb	0,67 Kg / 1.48 lb
Volume	108 L / 6590 cu.in.	123,5 L / 7536 cu.in.	114 L / 6956 cu.in.	15 L / 915 cu.in.	42 L / 2563 cu.in.	27 L / 1648 cu.in.	9.4 L / 573 cu.in.	108.5 L / 6623 cu.in.
A.T.O. AIR TRAVEL OPTIMIZED	■				■			
HEAVY DUTY WHEELS					■			
BACKPACK SYSTEM	■	■	■			■		
FOLDABLE SYSTEM			■					■



DIVER'S ALERT MARKER

code: 415743

- 180 cm TALL AND 15 cm WIDE FOR HIGH VISIBILITY
- SOLAR REFLECTIVE TAPE
- AUTOMATIC SEAL SYSTEM
- ORAL INFLATION CONNECTOR FOR LP BCD HOSE
- PRESSURE RELEASE VALVE
- DEDICATED POCKET FOR LIGHT
- STAINLESS STEEL DRING



SHELL OVAL

code: 415864

- SHOCKPROOF CASE
- PERFECT FOR TORCHES, MASKS AND MORE
- STURDY ZIPPER
- MARES MICRO-INJECTED LABEL
- SILVER PIPING



UNIVERSAL HANGER

code: 415177

- HOLDS UP TO 15 DIFFERENT ITEMS
- UNIQUE MARES DESIGN
- STURDY AND ROBUST
- EQUIPMENT PERFECTLY ORGANIZED



UNDERWATER SLATE

code: 415719

- BRIGHT WHITE WRITING SLATE
- COMPACT SIZE: 12X15 cm
- HOOK SYSTEM TO ATTACH TO YOUR BCD
- QUICK RELEASE BUCKLE
- STANDARD REPLACEABLE PENCIL WITH SILICONE TUBE



MULTI TOOLS

code: 415701 Multi Tools Pro

code: 415703 Multi ToolsTech

- TWO VERSIONS FOR ALL NEEDS
- TECH: VARIOUS SPANNERS AND SCREWDRIVERS
- PRO: VARIOUS SPANNERS AND ALLEN WRENCHES
- HIGH QUALITY STAINLESS STEEL
- EASY TO USE
- EXCLUSIVE MARES DESIGN
- OVERMOLDED HANDLE WITH MARES LOGO



SHELL ROUND

code: 415865

- SHOCKPROOF CASE
- IDEAL FOR DIVE COMPUTERS
- STURDY ZIPPER
- MARES MICRO-INJECTED LABEL
- SILVER PIPING



MAGNETIC SHAKER

code: 415172

- SPECIAL MAGNETIC SYSTEM
- TO PREVENT UNWANTED AND IRRITATING NOISE
- LIGHTWEIGHT AND EASY TO STORE
- EASY TO USE WITH JUST A SIMPLE DOWNWARD MOVEMENT



SIZE CHART

BCD's

	HEIGHT	WEIGHT	CHEST	HIPS
XXS	<165 / 5'5"	<55 / 121	<95 / 37"	67-90 / 26"-35"
XS	<165 / 5'5"	<55 / 121	<95 / 37"	70-94 / 28"-37"
S	160-175 / 5'3"-5'9"	50-70 / 110-154	85-105 / 33"-41"	70-94 / 28"-37"
M	165-180 / 5'5"-5'11"	60-80 / 132-176	95-115 / 37"-45"	85-112 / 33"-44"
L	170-185 / 5'7"-6'1"	70-90 / 154-198	105-120 / 41"-47"	96-112 / 38"-44"
XL	>180 / 5'11"	>80 / 176	>110 / 43"	108-136 / 42"-52"

WETSUIT MEN

WETSUITS ≥ 5 mm

IT	EU	USA	HEIGHT	CHEST	WAIST	HIPS	TOLERANCE
2	S		175 / 5'9"	93 / 37"	73 / 29"	91 / 36"	± 3 / ±1"
3	M	S	178 / 5'10"	97,5 / 38"	77,5 / 31"	95,5 / 38"	± 3 / ±1"
4	L	M	181 / 5'11"	101,5 / 40"	81,5 / 32"	99,5 / 39"	± 3 / ±1"
5	XL	L	184 / 6'	105,5 / 42"	86 / 34"	104 / 41"	± 3 / ±1"
6	XXL	XL	187 / 6'2"	110 / 43"	90 / 35"	108 / 43"	± 3 / ±1"
7	3XL	XXL	190 / 6'3"	114 / 45"	94 / 37"	112 / 44"	± 3 / ±1"
8	4XL	XXXL	193 / 6'4"	118 / 46"	98 / 39"	116 / 46"	± 3 / ±1"

WETSUITS ≤ 3 mm

IT	EU	USA	HEIGHT	CHEST	WAIST	HIPS	TOLERANCE
2	S		176 / 5'9"	92 / 36"	71,5 / 28"	91 / 36"	± 3 / ±1"
3	M	S	179 / 5'10"	96,5 / 38"	75,5 / 30"	95 / 37"	± 3 / ±1"
4	L	M	182/6'	100,5 / 40"	80 / 32"	99,5 / 39"	± 3 / ±1"
5	XL	L	185/6'1"	105 / 41"	84 / 33"	103,5 / 41"	± 3 / ±1"
6	XXL	XL	188 / 6'2"	109 / 43"	88,5 / 35"	108 / 43"	± 3 / ±1"
7	3XL	XXL	191 / 6'3"	113,5 / 45"	92,5 / 36"	112 / 44"	± 3 / ±1"
8	4XL	XXXL	194 / 6'4"	117,5 / 46"	97 / 38"	116 / 46"	± 3 / ±1"

THERMO GUARD SHORTY UNISEX

	IT	EU	CHEST	WAIST	HIPS	TOLERANCE
-3		8 A	56 / 22"	52 / 20"	66 / 26"	± 2 / ± 0.8"
-2		10 A	61 / 24"	56 / 22"	75 / 30"	± 2 / ± 0.8"
-1		12 A	67 / 26"	60 / 24"	79 / 31"	± 2 / ± 0.8"
0		14 A	73 / 29"	65 / 26"	87 / 34"	± 2 / ± 0.8"
1		XS	86 / 34"	65 / 26"	85 / 33"	± 2 / ± 0.8"
2		S	90 / 35"	70 / 28"	89 / 35"	± 2 / ± 0.8"
3		M	94 / 37"	74 / 29"	94 / 37"	± 2 / ± 0.8"
4		L	99 / 39"	78 / 31"	98 / 39"	± 2 / ± 0.8"
5		XL	103 / 41"	82 / 32"	102 / 40"	± 2 / ± 0.8"
6		XXL	107 / 42"	86 / 34"	106 / 42"	± 2 / ± 0.8"
7		3XL	111 / 44"	91 / 36"	111 / 44"	± 2 / ± 0.8"

WETSUIT SHE DIVES

WETSUITS ≥ 5 mm

IT	EU	USA	HEIGHT	CHEST	WAIST	HIPS	TOLERANCE
1	XS	4	164/ 5'5"	77,5 / 31"	67 / 26"	84 / 33"	± 3 / ±1"
2	S	6	167 / 5'6"	81,5 / 32"	71 / 28"	88 / 35"	± 3 / ±1"
3	M	8	170 / 5'7"	85,5 / 34"	75 / 30"	92 / 36"	± 3 / ±1"
4	L	10	173 / 5'8"	89,5 / 35"	79 / 31"	96 / 38"	± 3 / ±1"
5	XL	12	176 / 5'9"	93,5 / 37"	83 / 33"	100 / 39"	± 3 / ±1"
6	XXL	14	179 / 5'10"	97,5 / 38"	87 / 34"	104 / 41"	± 3 / ±1"
7	3XL	16	182 / 6'	101,5 / 40"	91 / 36"	108 / 43"	± 3 / ±1"

WETSUITS ≤ 3 mm

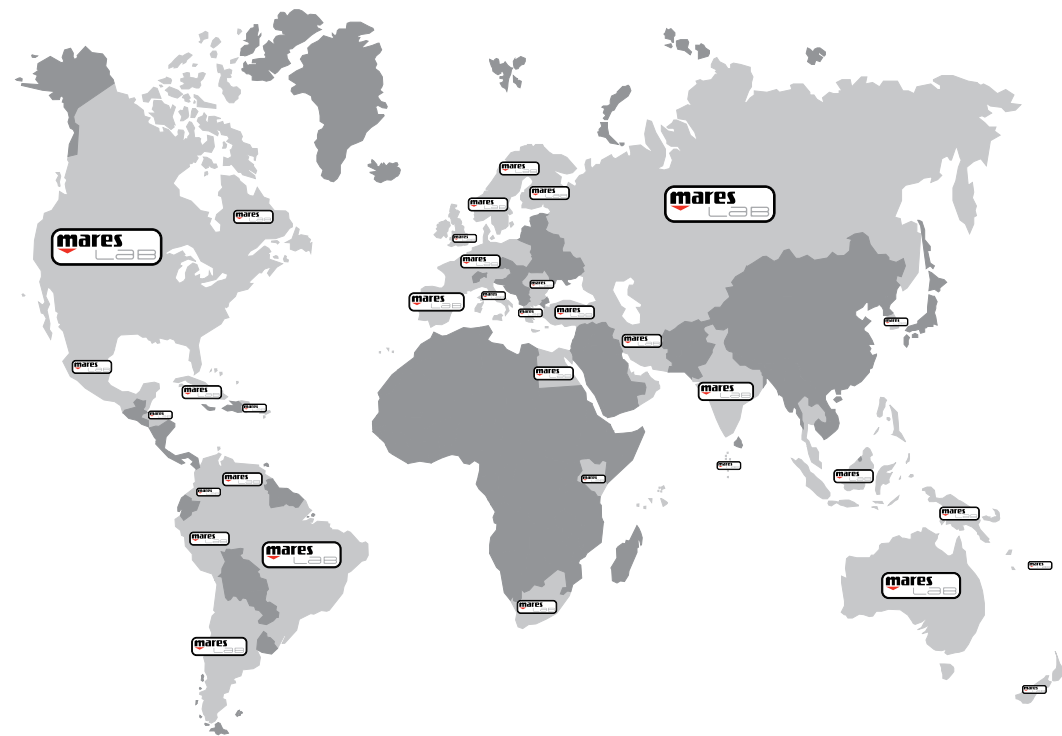
IT	EU	USA	HEIGHT	CHEST	WAIST	HIPS	TOLERANCE
1	XS	4	163,5 / 5'4"	75 / 30"	66 / 26"	82,5 / 32"	± 3 / ±1"
2	S	6	166,5 / 5'6"	79 / 31"	70 / 28"	86,5 / 34"	± 3 / ±1"
3	M	8	169,5 / 5'7"	83 / 33"	74 / 29"	90,5 / 36"	± 3 / ±1"
4	L	10	172,5 / 5'8"	87 / 34"	78 / 31"	94,5 / 37"	± 3 / ±1"
5	XL	12	175,5 / 5'9"	91 / 36"	82 / 32"	98,5 / 39"	± 3 / ±1"
6	XXL	14	178,5 / 5'10"	95 / 37"	86 / 34"	102,5 / 40"	± 3 / ±1"
7	3XL	16	181,5 / 5'11"	99 / 39"	90 / 35"	106,5 / 42"	± 3 / ±1"

HEIGHT - CHEST - WAIST - HIPS: cm / inch, WEIGHT: Kg / lb



## THE MARES LAB SERVICE TECHNICIAN TRAINING PROGRAM

Mares Service Technician Training Courses are available throughout the world and are designed and developed based on proven effective instructional system design principals. They are the dive industry's first and only competency based service technician training courses offered worldwide that are produced and conducted by a major dive equipment manufacturer. This means you'll receive the same high quality and educationally valid training regardless of where in the world you participate in a Mares Service Technician Training Course.



### BASIC SERVICE TECHNICIAN DIGITAL LEARNING COURSE

This highly interactive online digital learning course is delivered to the learner using the latest Educational Management System (EMS) technology. The EMS platform technology along with extensive use of video and graphic content enhances learning and retention of information and produces a highly enjoyable educational experience. The course is open to anyone, and can be accessed by contacting the local Mares Subsidiary or Distributor. Take this course as the first step to becoming a fully qualified Mares Service Technician, or if you simply want to learn the basics of regulator design and service and/or repair. This course is a prerequisite requirement for most Mares Lab Skill Based Training Courses. Completion of this course does not qualify you to service or repair Mares equipment.



The course goals are to:

1. Establish your basic knowledge level relating to regulator service and repair procedures.
2. Provide you with basic information about regulator design and function.
3. Provide you with Mares specific information relating to service and repair procedures, manufacturing processes and product information.
4. Help prepare you for success in one or more Mares Lab Skill Based Training Courses.

**Prerequisite Requirements:**  
Course is open to anyone.

### MARES LAB SKILL BASED TRAINING COURSES

- MARES SERVICE TECHNICIAN
- MARES DIVING CENTER SERVICE TECHNICIAN
- MARES SPECIALTY SERVICE TECHNICIAN



After successfully completing the Basic Service Technician Digital Learning Course, you are now ready to progress to the skill based training phase of becoming a qualified Mares Service Technician. These courses are conducted by qualified Mares Lab Instructors and consist of comprehensive hands-on training exercises. During these courses you will have the opportunity to perform multiple service procedures on a wide variety of Mares products, including multiple complete regulator service overhauls on various Mares regulators. You'll also gain valuable experience in using the Mares Service Manual and Spare Parts Catalog during routine and special service procedures. Skill based training courses are designed to:

1. Provide comprehensive, real world, hands-on training about how to service and repair Mares products.
2. Enhance the knowledge gained from the Basic Service Technician Digital Learning Course.
3. Develop skills and abilities to the level required to successfully perform service and repair procedures on Mares products.
4. Prepare you for a successful full or part-time career as a Mares Service Technician.

#### • MARES SERVICE TECHNICIAN

This is by far the most popular of the skill based training courses. The all new and redesigned Mares Service Technician Training Course is a comprehensive 2 day training program that trains and qualifies individuals to service and repair Mares products. Topics include disassembly, reassembly and adjustment of in-line Mares regulators, service and repair procedures, troubleshooting, dive computers, Mares warranty, service guidelines and more. More than 12 hours of course time is dedicated to hands-on, skill based training on how to properly disassemble, reassemble and adjust Mares regulators and BC inflator mechanisms. **Successful completion of this course qualifies you to service and/or repair ALL Mares products.**

#### Prerequisite Requirements:

Completion of the Basic Service Technician Digital Learning Course  
Authorization by a current Mares Dealer

#### • MARES DIVING CENTER SERVICE TECHNICIAN

This course is designed for technicians who plan to work in a Mares Diving Center, such as a resort or diver training facility, that has limited or no retail sale of Mares equipment. Course duration is 1 day and provides skill based training related to the Mares Diving Center product line. Take this course if you plan to work in a Mares Diving Center and are interested in being able to service and repair your affiliated Mares Diving Center owned Mares products. **Successful completion of the Diving Center Service Technician Course qualifies you to service and repair ONLY your affiliated Diving Center OWNED equipment used in rental and/or training programs.**

#### Prerequisite Requirements:

Completion of the Basic Service Technician Digital Learning Course  
Authorization by a current Mares Diving Center

#### • MARES SPECIALTY SERVICE TECHNICIAN

These courses are designed to train technicians to service and repair specific Mares products. Specialty Service Technician Training Course duration is approximately 1 day, depending on the course requirements and the number of products included in the course. **Successful completion of this course qualifies you to service and/or repair ONLY the specific Mares products for which you were trained.** These products will be listed on your qualification certificate. Contact your local Mares Subsidiary or Distributor for additional information on Specialty Service Technician Training Courses available in your area.

#### Prerequisite Requirements:

This varies according to the specific Specialty Service Technician Training Course requirements.  
Authorization by a current Mares Dive Center or Mares Dealer.

### MARES SERVICE TECHNICIAN UPDATE

In order to maintain your Mares Service Technician qualification, you must attend a Mares Service Technician Update within two (2) years\* of completing a Service Technician Training Course or Service Technician Update Seminar. Service Technician Update Seminars are instructor led and are conducted regularly throughout the year, providing you with numerous opportunities to maintain your Mares qualification. Update Seminar topics typically include new products, new and updated service procedures and a

review of current Service Bulletins.

\*Within two (2) years is defined as December 31st of the year in which the two year limit is reached.

#### Prerequisite Requirements:

Currently qualified as a Mares Lab Service Technician  
Qualification date is within the two (2) year update requirement

### THE MARES LAB TRAINING CYCLE®

The Mares Lab Training Cycle is a process that has proven effective in producing what we call "best in class results". This means that as a qualified Mares Service Technician, you can be confident that you've successfully completed the dive industry's most comprehensive dive equipment service and repair training program available through a dive equipment manufacturer. You can also be proud of the fact that you earned your qualification by demonstrating a "best in class" level of dive equipment service technician skills and abilities. Here's how the Mares Lab Training Cycle works:

#### Your Knowledge Development

Your basic dive equipment service and repair knowledge is established during your digital learning course and further enhanced during your skill based training course.

#### Your Skill Development

Your service and repair skills are enhanced during your skill based training course through a series of hands-on training exercises. Over 90% of the contact hours in these courses are dedicated to skill development.



#### Your Abilities Confirmed

Your knowledge and skill levels achieved through the Mares Lab training process are objectively evaluated and must meet the minimum core competency requirements in order to be qualified as a Mares Service Technician.

#### Your Abilities Improved

Your abilities improve over time by gaining additional knowledge and increasing skill levels. This is achieved through experience as a Mares Service Technician, by regular contact and communication with Mares Technical Assistance staff, by receiving periodic product updates and Service Bulletins and by participating in Service Technician Update Seminars.







mares | XR

mares

mares | XR  
extended range

extended range

mares | XR  
extended range





# breathing systems

## DR FULL TEC SET

code: 416402 25XR with DR - Full Tec Set

This set includes:  
- 2 DR Second Stages  
- 2 25XR First Stages  
- 2 Hoses (56 cm - 210 cm)  
- 1 Neck Bungee  
- 1 Dead Bolt Snap

- VORTEX ASSISTED
- NEW DESIGNED MESH GRID
- HIGH-PERFORMANCE SECOND STAGE
- STABLE FLOW WITHOUT EXCESSIVE POSITIVE-PRESSURE BREATHING (VAD - VORTEX ASSISTED DESIGN)
- NO NEED FOR USER ADJUSTMENTS
- COMPACT AND RUGGED - ALL METAL BODY IS MADE FROM HIGH-IMPACT CHROME AND NICKEL-PLATED BRASS
- SLIGHTLY NEGATIVELY BUOYANT
- STRONG AND RESISTANT, IDEAL FOR SCOOTERING, DEEP, COLD AND WRECK DIVING
- COLD WATER RESISTANT
- COVER DESIGN DISPERSES WATER FLOW AROUND THE SECOND-STAGE DIAPHRAGM AND REDUCES THE FREE FLOW (MESH GRID DESIGN)
- EASY-TO-PUSH PURGE



### TECHNICAL FEATURES

DR	All-metal (nickel and chrome plated brass) second stage	Standard downstream valve
Flow Rate (STP)	620 l/min - 22 cuft/min	
Weight (without hose)	269 g / 9.6 oz	
Hose length	56cm / 22 inches - 210cm / 7ft	

## CR FULL TEC SET

code: 416403 25XR with CR - Full Tec Set

This set includes:  
- 2 CR Second Stages  
- 2 25XR First Stages  
- 2 Hoses (56 cm - 210 cm)  
- 1 Neck Bungee  
- 1 Dead Bolt Snap

- VORTEX ASSISTED
- NEW DESIGNED SOFT COVER
- HIGH-PERFORMANCE SECOND STAGE
- STABLE FLOW WITHOUT EXCESSIVE POSITIVE-PRESSURE BREATHING (VAD - VORTEX ASSISTED DESIGN)
- NO NEED FOR USER ADJUSTMENTS
- SLIGHTLY NEGATIVELY BUOYANT
- COVER DESIGN DISPERSES WATER FLOW AROUND THE SECOND-STAGE DIAPHRAGM AND REDUCES THE FREE FLOWS
- EASY-TO-PUSH PURGES
- CAN BE OPENED UNDER WATER - IDEAL FOR CAVE AND COLD WATER DIVING



### TECHNICAL FEATURES

CR	Technopolymer second stage	Standard downstream valve
Flow Rate (STP)	560 l/min - 20 cuft/min	
Weight (without hose)	193 g / 7 oz	
Hose length	56cm / 22 inches - 210cm / 7ft	



# 25XR FIRST STAGE

code: 416400 25XR First stage IPD (Left & Right)

- FULL METAL BODY
- NICKEL-PLATED MARINE BRASS
- COMPACT, SOLID ONE-PIECE BODY
- BALANCED DIAPHRAGM - DFC
- NEW ACT VALVE - ADVANCED COATING TECHNOLOGY
- DRY COLD WATER KIT
- DIN ONLY
- TRIMIX, HELIOX, HELITROX
- 2 LP PORTS (3/8" UNF) ALL ANGLED DOWNWARD
- 1 HP PORT (IPD: INTELLIGENT PORT DESIGN) POWERED (7/16" UNF)
- EXTREME RELIABILITY - HIGHEST SAFETY
- MAXIMIZED BREATHING COMFORT
- EXTREME DEPTH, ENGAGED DIVES & MIXED GAS DIVING (HELIUM, O2, NITROGEN)
- PERFECT LP HOSES POSITIONING - NO USELESS PORT - OFFERING PERFECT, SNAG-FREE HOSE POSITIONING
- FOR TWINSET USE BUT EQUALLY SUITABLE FOR SINGLE OR STAGE CYLINDER CONFIGURATIONS
- (IPD: INTELLIGENT PORT DESIGN) CONCEPT FOR HP
- DUAL CONFIGURATION: FITS ALL CERTIFYING AGENCIES FROM RSTC TO DIR DIVERS AND ALL XR USES INCLUDING CAVE
- MINIMIZED RISK OF ACCIDENTAL SNAGGING + NO HOSE KINKING + EASIER ACCESS TO THE MANIFOLD VALVES
- ENVIRONMENTAL DRY SYSTEM = KEEPS WATER OUT OF THE MAIN SPRING CHAMBER + PREVENTS ICE BUILDUP + KEEPS SILT AND CONTAMINATION OUT
- COLD WATER RESISTANT



TECHNICAL FEATURES		
25XR	All-metal (nickel and chrome plated brass) first stage	Balanced diaphragm mechanism
Flow Rate at end of one 210cm/7ft long low pressure hose [STP]	1200 l/min - 42 cuft/min	
Static intermediate pressure [0-300bar/4350psi supply pressure]	8,8-9,4 bar / 127-136 psi	
Dynamic Flow Control (DFC)	Up to 9,9 bar / 144 psi	
High pressure ports	1 [7/16" UNF]	
Low pressure ports	2 [3/8" UNF]	
Of which DFC ports	1	
Weight	DIN: 758 g / 27 oz	

# VR VERTICAL STAGE REGULATOR

code: 416401 VR Vertical Stage Regulator

- THE FIRST VERTICAL SECOND STAGE EVER
- MOUNTED WITH OUR EXTREMELY RELIABLE R2S FIRST STAGE
- AVAILABLE IN AIR

## SECOND STAGE

- EXCELLENT BREATHING POSITION
- UNIQUE BUBBLE EXHAUST
- IDEAL FOR STAGE DECOMPRESSION GAS, TRAVEL GAS AND SIDEMOUNT CONFIGURATION

## FIRST STAGE

- VERY SIMPLE AND RELIABLE
- EASY TO CLEAN AND MAINTAIN
- COMPACT



TECHNICAL FEATURES		
VR	Technopolymer second stage	Standard downstream valve
Flow Rate [STP]	560 l/min - 20 cuft/min	
Weight [without hose]	199 g / 7 oz	
Hose length	100 cm / 40 inches	

# INSTRUMENT SPG52

code: 414600 Instrument SPG52 - 56cm hose - BAR

code: 414600 Instrument SPG52 - 56cm hose - PSI

code: 414601 Instrument SPG52 - 15cm Miflex - BAR

code: 414601 Instrument SPG52 - 15cm Miflex - PSI

code: 414602 Instrument SPG52 - 15cm Miflex Oxygen - BAR

code: 414602 Instrument SPG52 - 15cm Miflex Oxygen - PSI

- SPG WITH GRADUATION RANGE 0-360 BAR, 0-5000 PSI
- SINGLE READING
- TEMPERED GLASS
- LUMINESCENT "GLOW IN THE DARK" SCREEN
- 56 cm RUBBER HOSE OR 15 cm MILFLEX CARBON/TITANIUM BLACK HOSE
- AIR OR 100% OXY (OXY CLEAN)
- CERTIFIED ACCORDING TO EN 250
- DESIGNED FOR TECHNICAL DIVERS AND TOP QUALITY REGS
- DOUBLE CHROME, MIRROR-PLATED CASE TREATMENT: ASSURES THE BEST LOOK AND MAXIMUM PROTECTION AGAINST CORROSION
- BRASS HOUSING WITH TEMPERED GLASS FOR EXTREME DURABILITY + CHANCE TO USE WITH NO COVER PROTECTION DUE TO DOUBLE WELDING
- COPPER BERYLLIUM BOURDON TUBE MECHANISM THAT NEVER GOES OUT OF CALIBRATION EVEN WITH HARD KNOCKS
- GREATEST DEGREE OF ACCURACY AND RELIABILITY
- PREFERRED FOR ITS SIMPLICITY BY MANY TECHNICAL DIVERS WHO FOLLOW DIR TRAINING PHILOSOPHY
- OFFERED IN A TOTAL OF 6 OPTIONS TO FIT ALL TECHNICAL REQUIREMENTS



## TECHNICAL FEATURES

Weight	210 g	7.40 oz
Diameter	52 mm	2"

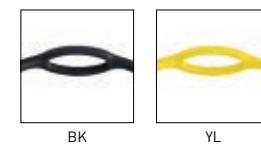
# NECK REGULATOR BUNGEE

code: 415763

- SILICONE REGULATOR NECKLACE
- ATTACHES EASILY TO ANY REGULATOR 2ND STAGE MOUTHPIECE
- ALLOWS REGULATOR TO HANG CLOSE UNDER THE CHIN
- KEEP YOUR SECOND STAGE WHERE YOU NEED IT
- DURABLE, SHAPE RETAINING SILICONE



## COLOUR VARIATIONS



# OVER PRESSURE RELIEF VALVE

code: 416404

- STANDARD LP PORT THREAD, 3/8 UNF
- SET TO 13BAR, NOMINALLY, WITH +/-0.5BAR TOLERANCE
- CHROME PLATED BRASS
- STANDARD REGULATOR SPRING







# buoyancy systems

## HARNESS

### HEAVY DUTY

- A. code: 417501 Harness Heavy Duty Complete
- B. code: 417516 Heavy Duty Complete Mounted System

- A. INCLUDES:**
- WEBBING
- 3.5 m WEBBING WITH CENTER HOLE AND GROMMET
  - 3 X 40mm ELASTIC LOOP RETAINERS
  - 1.5 M CROTCH STRAP
- HARNESS
- 2 X BENT D-RING 50MM STAINLESS STEEL
  - 2 X STRAIGHT D-RING 50MM STAINLESS STEEL
  - 4 X 3-BAR SLIDES NORMAL STAINLESS STEEL WITH MARES LOGO
  - 2 X 3-BAR SLIDES TOOTHED STAINLESS STEEL WITH MARES LOGO
  - 1 X WAIST BUCKLE STAINLESS STEEL WITH MARES LOGO
- CROTCH STRAP
- 2 X STRAIGHT D-RINGS 50mm STAINLESS STEEL
  - 1 X 3-BAR GLIDES 50MM STAINLESS STEEL WITH MARES LOGO
  - DIR – HOGARTHIAN CONFIGURATION
- B. INCLUDES:**
- 417501 HARNESS HEAVY DUTY COMPLETE (A.) +
  - 417507 BACKPLATE STAINLESS STEEL 3mm



A



B



# HARNESS

## HEAVY LIGHT

- A. code: **417502** Harness Heavy Light Complete
- B. code: **417517** Heavy Light Complete Mounted System

### A. INCLUDES:

#### WEBBING

- 3.5 m WEBBING WITH CENTER HOLE AND GROMMET
- 3 X 40mm ELASTIC LOOP RETAINERS
- 1.5 M CROTCH STRAP

#### HARNESS

- 2 X BENT D-RING 50MM BLACK ALUMINUM
- 2 X STRAIGHT D-RING 50MM BLACK ALUMINUM
- 4 X 3-BAR SLIDES NORMAL BLACK ALUMINUM WITH MARES LOGO
- 2 X 3-BAR SLIDES TOOTHED BLACK ALUMINUM WITH MARES LOGO
- 1 X WAIST BUCKLE BLACK ALUMINUM WITH MARES LOGO

#### CROTCH STRAP

- 2 X STRAIGHT D-RINGS 50mm BLACK ALUMINUM
- 1 X 3-BAR GLIDES 50MM BLACK ALUMINUM WITH MARES LOGO
- DIR – HOGARTHIAN CONFIGURATION

### B. INCLUDES:

- 417502 HARNESS HEAVY LIGHT COMPLETE (A.) +
- 417508 BACKPLATE ALUMINUM 3mm



A



B

# CARGO POCKET

code: **417505**

- 1200D “BULLETPROOF” BALLISTIC NYLON
- LARGE MAIN VOLUME POCKET WITH ZIPPERED CLOSURE
- INTERNAL BUNGEE CORD
- INTERNAL STAINLESS STEEL D-RING
- SMALL FRONT COMPARTMENT POCKET WITH ZIPPERED CLOSURE
- 2 LARGE NYLON LOOPS TO SLIDE OVER HARNESS BELT
- 2 SMALL NYLON LOOPS TO ATTACH POCKET TO STANDARD 2” WAISTBAND
- 2 BOTTOM DRAIN GROMMETS
- UNPARALLELED VERSATILITY DUE TO ITS MODULAR NATURE
- A HIGHLY TECHNICAL RIG FOR THOSE TRAINED TO PUSH THE LIMITS
- CAN ALSO BE SCALED DOWN TO MAKE A TRAVEL FRIENDLY SET UP SUITABLE FOR ANY DIVER
- DESIGNED TO COMPLEMENT THE XR RANGE
- CAN BE ATTACHED TO YOUR XR HARNESS OR ANY OTHER



# MASK POCKET

code: **417506** Mask Pocket

- 1200D “BULLETPROOF” BALLISTIC NYLON
- 600D POLYESTER WEB GRID
- LARGE AND EXPANDABLE
- INNER REINFORCEMENT IN BLACK POLYURETHANE
- 1 OVERSIZED CLIP
- LONG NYLON STRAP ALLOWING FULL POCKET EXPANSION
- 1 LARGE NYLON LOOP TO SLIDE OVER HARNESS BELT
- UNPARALLELED VERSATILITY DUE TO ITS MODULAR NATURE
- A HIGHLY TECHNICAL RIG FOR THOSE TRAINED TO PUSH LIMITS
- CAN ALSO BE SCALED DOWN TO MAKE A TRAVEL FRIENDLY SET UP SUITABLE FOR ANY DIVER
- DESIGNED TO COMPLEMENT THE XR RANGE
- CAN BE ATTACHED TO YOUR XR HARNESS OR ANY OTHER



# SF2 SS316 CLIP

NEW

code: **417522**

- ALLOWS FREE ADJUSTMENT OF LEFT HARNESS STRAP
- PRECISION MACHINED FROM SS AISI 316
- STRONG, DURABLE, LOGICAL ALTERNATIVE TO PLASTIC CLIPS
- FITS IN ALL OUR RIGID PLATES (ALU AND SS)



# TOOTHED SS316 TRIGLIDERS

NEW

code: **417524**

- ACCESSORIES FOR ADDITIONAL CONFIGURATION
- PRECISION MACHINED FROM SS AISI 316
- STRONG, DURABLE, FITS WITH ALL HARNESSES STRAPS
- 10 PCS



# D-RINGS SS316 FLAT

NEW

code: **417525**

- ACCESSORIES FOR ADDITIONAL CONFIGURATION
- PRECISION MACHINED FROM SS AISI 316
- STRONG, DURABLE, FITS WITH ALL HARNESSES STRAPS
- 10 PCS



# D-RINGS SS316 BENT

NEW

code: **417526**

- ACCESSORIES FOR ADDITIONAL CONFIGURATION
- PRECISION MACHINED FROM SS AISI 316
- STRONG, DURABLE, FITS WITH ALL HARNESSES STRAPS
- 10 PCS





# BACKPLATE

## STAINLESS STEEL

code: 417507 Backplate Stainless Steel 3 mm

code: 417507 Backplate Stainless Steel 6 mm

- STAINLESS STEEL 3MM GRADE 316
- 13 LASER CUT AND LASER ETCHED SLOTS
- 8 SLOTS SPECIALLY DESIGNED FOR OPTIMUM POSITIONING OF THE HARNESS WEBBING
- 2 UPPER AND 2 LOWER SLOTS FOR NYLON CYLINDER BANDS SO A SINGLE CYLINDER CAN BE STRAPPED DIRECTLY
- HAVING ONLY 2 SLOTS PROVIDES ENOUGH LATERAL CYLINDER STABILITY WITHOUT WEAKENING THE STRENGTH OF THE SPINE
- 2" WIDE CROTCH STRAP SLOT, 15 HOLES
- 3 HOLES AT THE TOP OF THE PLATE OFFER A RANGE OF HEIGHT ADJUSTMENTS FOR BUOYANCY CELLS AND CYLINDERS. IN ADDITION, A CORRESPONDING LOWER CENTER SLOT ALLOWS FOR LOWER BAND BOLTS THAT ARE MISALIGNED
- 4 UPPER AND LOWER PERIMETER HOLES ALONG EITHER SIDE AND 4 HOLES ALONG THE BOTTOM ALLOW FOR THE MOUNTING OF ACCESSORIES AND SIDE-MOUNT BUTT PLATE
- BENDED LOWER EDGES
- MARES XR LOGOS AND LASER CUT SHAPED AXIS
- HIGHLY TECHNICAL PRE-SHAPE - UNPARALLELED VERSATILITY
- ULTRA-RUGGED BACKBONE
- PUSHED TO LIMITS THROUGH INTENSE TESTING
- TOTAL MODULARITY: ALL HARNESSES AND ALL DONUTS/WINGS



TECHNICAL FEATURES		
Thickness	3 mm	6 mm
Weight	2,5 kg / 5.5lb	4 kg / 8.8lb
Compatibility	Deluxe Padding - Butt Plate	

## ALUMINUM

code: 417508 Backplate Aluminum 3 mm

- 6061 MARINE GRADE ANODIZED ALUMINUM ALLOY
- 13 LASER CUT AND LASER ETCHED SLOTS
- 8 SLOTS SPECIALLY DESIGNED FOR OPTIMUM POSITIONING OF THE HARNESS WEBBING
- 2 UPPER AND 2 LOWER SLOTS FOR NYLON CYLINDER BANDS SO A SINGLE CYLINDER CAN BE STRAPPED DIRECTLY
- HAVING ONLY 2 SLOTS PROVIDES ENOUGH LATERAL CYLINDER STABILITY WITHOUT WEAKENING THE STRENGTH OF THE SPINE
- 2" WIDE CROTCH STRAP SLOT
- 15 HOLES
- 3 HOLES AT THE TOP OF THE PLATE OFFER A RANGE OF HEIGHT ADJUSTMENTS FOR BUOYANCY CELLS AND CYLINDERS. IN ADDITION, A CORRESPONDING LOWER CENTER SLOT ALLOWS FOR LOWER BAND BOLTS THAT ARE MISALIGNED
- 4 UPPER AND LOWER PERIMETER HOLES ALONG EITHER SIDE AND 4 HOLES ALONG THE BOTTOM ALLOW FOR MOUNTING ACCESSORIES AND SIDE-MOUNT BUTT PLATE
- BENDED LOWER EDGES
- MARES XR LOGOS AND LAZER CUT SHAPED AXIS
- HIGHLY TECHNICAL PRE-SHAPE -UNPARALLELED VERSATILITY
- ULTRA-RUGGED UNFOLDABLE BACKBONE
- PUSHED TO LIMITS THROUGH INTENSE TESTING
- TOTAL MODULARITY: ALL HARNESSES AND DONUTS/WINGS



TECHNICAL FEATURES	
Thickness	3 mm
Weight	750 g / 1.6lb
Compatibility	Deluxe Padding - Butt Plate

# BACKPLATE SOFT

code: 417509 Backplate Soft

- 1200D "BULLETPROOF" BALLISTIC NYLON
- POLYPHRENE HYDRO-DRAINAGE COMFORT PADDING , 4 SLOTS
- 2 UPPER AND 2 LOWER SLOTS ACCOMMODATE NYLON CYLINDER BANDS TO STRAP SINGLE CYLINDER DIRECTLY TO THE PLATE.
- 5 DOUBLE SLIDE BARS
- SPECIALLY POSITIONED FOR OPTIMIZED FITTING OF THE HARNESS WEBBING AND THE CROTCH STRAP
- 2 CENTERED HOLES AT THE TOP AND 2 AT THE BOTTOM OFFER A RANGE OF HEIGHT ADJUSTMENTS FOR THE BUOYANCY CELLS
- 2 MID PERIMETER HOLES ALONG EITHER SIDE AND 4 HOLES ALONG THE BOTTOM ALLOW FOR MOUNTING ACCESSORIES AND SIDE-MOUNT BUTT PLATE
- 4 D-RINGS COMPLEMENTING THE SIDE HOLES
- MARES XR LOGOS EMBROIDERED TO ENHANCE THE LOOK OF THE PLATE
- HIGHLY TECHNICAL SHAPE - UNPARALLELED VERSATILITY
- ULTRA-RUGGED MATERIAL - PUSHED TO LIMITS THROUGH INTENSE TESTING
- TOTAL MODULARITY: ALL HARNESSES AND ALL DONUTS/WINGS



TECHNICAL FEATURES	
Weight	Ultralight
Compatibility	Deluxe Padding - Butt Plate

# BUTTPLATE

code: 417510 Butt Plate Sidemount

- 1200D "BULLETPROOF" BALLISTIC NYLON
- POLYPHRENE HYDRO-DRAINAGE COMFORT PADDING
- 4 HOLES ALONG THE BOTTOM ALLOW FOR THE MOUNTING OF ANY HARNESS AS WELL AS ADDING ACCESSORIES
- PROVIDES THE PROPER AMOUNT OF RIGIDITY TO HOLD TANKS IN POSITION AND ELIMINATE SAG
- TWO STAINLESS STEEL 316 MARINE GRADE HANDLES USED FOR TANK ATTACHMENT
- ALLOWS DIVERS TO TRANSFORM THEIR EXISTING HARNESS AND BUOYANCY COMPENSATING WING INTO A RIG CAPABLE OF SIDEMOUNTING TANKS





BLADDER

DONUT BLADDER SINGLE TANK

code: 417511 Donut Bladder Single Tank 10 kg  
code: 417511 Donut Bladder Single Tank 16 kg

- DRAINS: 6 LARGE GROMMETS, 2 ON TOP AND 4 ON BOTTOM
- 1200D "BULLETPROOF" BALLISTIC NYLON AND 600D POLYESTER EXTERIOR
- INNER AIR CELL: BLACK POLYURETHANE
- HEAVY DUTY PLASTIC ZIPPER AND SLIDER WITH ELONGATED TEETH
- 4 HEAVY DUTY GROMMETS POSITIONED TO ALLOW OPTIMUM TRIM
- K STYLE INFLATORS WITH BRASS BUTTONS
- 35" LOW PROFILE, ROUND-SHAPED HOSE
- LEFT POSITION DOES NOT INTERFERE WITH 1ST STAGE DUMP VALVE
- LOW PROFILE DUMP VALVE
- KNOBLESS PULLER
- TANK STABILIZER BODY SLIDE BARS
- FINEST QUALITY MATERIALS
- STYLISH, DURABLE (RESISTANT TO TEARS, SCUFFS AND ABRASIONS), LIGHTWEIGHT AND LONG-LASTING
- VERY SMART AND UNIQUE DESIGN ALLOWING THE CYLINDER TO NEST INSIDE
- EXTREMELY STREAMLINED - VERY STABLE CONTINUOUS LOOP SHAPE
- SMOOTH GAS SHIFT FROM LEFT TO RIGHT
- TOP QUALITY ZIPPER: DOES NOT INTERFERE WITH THE WOVEN TEXTILE TAPE, EASY HANDLING, STRONG AND DURABLE



TECHNICAL FEATURES		
Sizes	10kg / 22lb	16kg / 35.3lb

DONUT BLADDER TWIN TANK

code: 417512 Donut Bladder Twin Tank 20 kg  
code: 417512 Donut Bladder Twin Tank 24 kg

- DRAINS: 6 LARGE GROMMETS, 2 ON TOP AND 4 ON BOTTOM
- 1200D "BULLETPROOF" BALLISTIC NYLON AND 600D POLYESTER EXTERIOR
- INNER AIR CELL: BLACK POLYURETHANE
- HEAVY DUTY PLASTIC ZIPPER AND SLIDER WITH ELONGATED TEETH
- 4 HEAVY DUTY GROMMETS POSITIONED TO ALLOW OPTIMUM TRIM
- K STYLE INFLATORS WITH BRASS BUTTONS
- 35" LOW PROFILE, ROUND-SHAPED HOSE
- MID POSITION DOES NOT INTERFERE WITH 1ST STAGE DUMP VALVE
- LOW PROFILE DUMP VALVE
- KNOBLESS PULLER
- FINEST QUALITY MATERIALS
- STYLISH, DURABLE (RESISTANT TO TEARS, SCUFFS AND ABRASIONS), LIGHTWEIGHT AND LONG-LASTING
- EXTREMELY STREAMLINED - VERY STABLE CONTINUOUS LOOP SHAPE
- SMOOTH GAS SHIFT OF AIR FROM LEFT TO RIGHT
- TOP QUALITY ZIPPER: DOES NOT INTERFERE WITH THE WOVEN TEXTILE TAPE, EASY HANDLING, STRONG AND DURABLE



TECHNICAL FEATURES		
Sizes	20kg / 44lb	24kg / 52.9lb

BLADDER

WING BLADDER TWIN TANK

code: 417513 Wing Bladder Twin Tank 20 kg  
code: 417513 Wing Bladder Twin Tank 24 kg

- DRAINS: 4 LARGE GROMMETS, 2 ON TOP AND 2 ON BOTTOM
- 1200D "BULLETPROOF" BALLISTIC NYLON AND 600D POLYESTER EXTERIOR
- INNER AIR CELL: BLACK POLYURETHANE
- HEAVY DUTY PLASTIC ZIPPER AND SLIDER WITH ELONGATED TEETH
- 4 HEAVY DUTY GROMMETS POSITIONED TO ALLOW OPTIMUM TRIM
- K STYLE INFLATORS WITH BRASS BUTTONS
- 35" LOW PROFILE, ROUND-SHAPED HOSE
- MID POSITION DOES NOT INTERFERE WITH 1ST STAGE DUMP VALVE
- LOW PROFILE DUMP VALVE
- KNOBLESS PULLER
- FINEST QUALITY MATERIALS
- STYLISH, DURABLE (RESISTANT TO TEARS, SCUFFS AND ABRASIONS), LIGHTWEIGHT AND LONG-LASTING
- EXTREMELY STREAMLINED - VERY STABLE CONTINUOUS LOOP SHAPE
- SMOOTH GAS SHIFT FROM LEFT TO RIGHT
- TOP QUALITY ZIPPER: DOES NOT INTERFERE THE WOVEN TEXTILE TAPE, EASY HANDLING, STRONG AND DURABLE



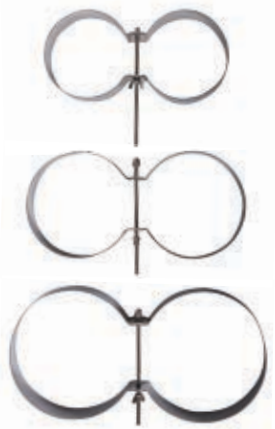
TECHNICAL FEATURES		
Sizes	20kg / 44lb	24kg / 52.9lb

RIGGING ACCESSORIES

TANK BANDS

code: 417514 Tank Bands Set Stainless Steel 7l  
code: 417514 Tank Bands Set Stainless Steel 10l  
code: 417514 Tank Bands Set Stainless Steel 15l

- SEAM-WELDED, MARINE-GRADE 316 STAINLESS STEEL
- STAMPED MARES XR LOGO
- CONSTRUCTED FROM WIDE, SEAM-WELDED, MARINE-GRADE 316 STAINLESS STEEL
- AVAILABLE IN 3 DIFFERENT SIZES
- SUPPLIED IN PAIRS WITH A FASTENING KIT



TECHNICAL FEATURES			
	Cyl. Centres	Band Sizes	Cyl. Diameter & Size
Small	154mm - 170mm / 6.1in - 6.7in	160mm / 6.3in centres	140mm / 5.5in
Medium	177mm - 193mm / 7in - 7.6in	185mm / 7.3in centres	171mm / 6.7in
Large	216mm - 232mm / 8.5in - 9.1in	220mm / 8.7in centres	204mm / 8in



# RIGGING ACCESSORIES

## DELUXE PADDING

- code: 417504 Deluxe Padding Back & Shoulders
- ADJUSTABLE SHOULDER PADS
  - MOVABLE VELCRO TABS FOR A CUSTOM FIT AROUND SHOULDER, D-RING AND HARNESS ACCESSORIES
  - INTEGRATED STORAGE COMPARTMENT TO CARRY LIFT DEVICES
  - ULTIMATE IN COMFORT AND CONVENIENCE WITHOUT SACRIFICING ANY FEATURES
  - SHOULDER MOUNTED D-RINGS CAN EASILY BE MOVED TO THE DESIRED LOCATION WITHOUT AFFECTING THE SHOULDER PAD



## STAGE RIGGING SET

- code: 417518 Stage Rigging Set
- THE MOST MODULAR SYSTEM FOR CARRYING STAGE TANKS
  - FITS ALL DIAMETERS OF TANKS
  - FITS STAGES OF ALL LENGTHS
  - INCLUDES: 2 LARGE STAINLESS STEEL DEAD BOLT SNAPS, ADJUSTABLE TANK BAND WITH STAINLESS STEEL BUCKLE AND HI-RESISTANCE CORD



## ELASTIC STAGE TANK STRAP

- code: 417515 Elastic stage tank strap 7l
- code: 417515 Elastic stage tank strap 10l
- code: 417515 Elastic stage tank strap 15l
- 1 PAIR OF ELASTIC LOOP TANK STRAPS
  - 2.5 cm WIDE WITH WEBBING PULLER
  - 3 SIZES:
    - 6" FOR 6" DIAMETER TANK
    - 7" FOR 7" DIAMETER TANK
    - 8" FOR 8" & 8.5" DIAMETER TANKS



## RUBBER STAGE TANK STRAP NEW

- code: 417527 Rubber Stage Tank Strap 6"
- code: 417527 Rubber Stage Tank Strap 7"
- 1 PAIR OF RUBBER LOOP TANK STRAPS
  - 2.5 cm WIDE WITH WEBBING PULLER
  - 2 SIZES:
    - 6" FOR 6" DIAMETER TANK (17 cm RUBBER LOOP),
    - 7" FOR 7", 8" & 8.5" DIAMETER TANKS (23 cm RUBBER LOOP)



# RIGGING ACCESSORIES

## DEADBOLT SCREW FLAT NEW

- code: 417520 Deadbolt Screw Flat 6 mm
- STRONG, DURABLE SCREW FOR ALL ATTACHMENTS
  - PRECISION MADE FROM AISI 316 GRADE STAINLESS STEEL
  - FLAT HEAD - 6 mm
  - EASY ALTERNATIVE TO THE TRADITIONAL WINGNUT/BUTTERFLY
  - 4 PAIRS ( ♂ + ♀ ) IN POLYBAG WITH CARTON HEADER



## DEADBOLT SCREW ROUND NEW

- code: 417521 Deadbolt Screw Round 6 mm
- code: 417521 Deadbolt Screw Round 9 mm
- STRONG, DURABLE SCREW FOR ALL ATTACHMENTS
  - PRECISION MADE FROM AISI 316 GRADE STAINLESS STEEL
  - ROUNDED HEAD - 6 mm AND 9 mm
  - EASY ALTERNATIVE TO THE TRADITIONAL WINGNUT/BUTTERFLY
  - 4 PAIRS ( ♂ + ♀ ) IN POLYBAG WITH CARTON HEADER



## THUMBWHEEL SS303 NEW

- code: 417523 Thumbwheel SS303 28x14 mm
- code: 417523 Thumbwheel SS303 28x18 mm
- PRECISION MADE FROM AISI 303 STAINLESS STEEL
  - STRONG AND DURABLE
  - EASY ALTERNATIVE TO THE TRADITIONAL WINGNUT/BUTTERFLY
  - KNURLED SURFACE FOR EASIER GRIP
  - 28X15 AND 28X14 mm WITH A HOLE THROUGH THE CENTER
  - 2 PCS IN POLYBAG WITH CARTON HEADER







mask&fin

## ESSENCE

code: 411051

- ESSENCE MASK WITH NEOPRENE/NYLON STRAP
- LIQUIDSKIN FOR GREAT COMFORT AND AMPLE FIELD OF VISION
- QUICK-ADJUSTING BUCKLES ON THE SKIRT
- NEOPRENE NYLON STRAP TO AVOID THE RISK OF BREAKING
- THE STRAP IS ALSO SOLD ALONE AS AN ACCESSORY (SEE BELOW)
- LIGHT, FLAT FOLDABLE, EASY TO STORE IN A POCKET



### TECHNICAL FEATURES

Weight	185 g
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## MASK STRAP

code: 412903



## POWER PLANA

code: 410050

- HIGH-QUALITY NATURAL RUBBER WITH REINFORCED RIBS
- MADE OF NEARLY INDESTRUCTIBLE NATURAL RUBBER, THIS HIGH PERFORMING FIN IS IDEAL FOR ALL KINDS OF KICKS, PARTICULARLY FROG KICKS
- THE HIGH DENSITY MATERIAL MAKES THE FINS NEGATIVELY BUOYANT, A DESIRED FEATURE WHEN USING A DRY SUIT AND A TECH RIG WITH STEEL PLATE
- UNLIKE COMPETITORS' FINS, THE MARES RUBBER FIN OFFERS A FULL-SHAPE FOOT POCKET



### TECHNICAL FEATURES

Full shape foot pocket				
Sizes	S	R	XL	XXL

## SPRING STRAP FOR TEC FIN

code: 415768

- SPRING WITH WRAP AROUND NYLON PULLER & SAFETY CORD
- THE BEST SOLUTION FOR TECHNICAL AND COLD WATER DIVING
- SOLD AS A PAIR



### TECHNICAL FEATURES

Sizes	R	XL	XXL
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## DRY BACKPACK

code: 415758 Dry Backpack

- REINFORCED BLACK PVC - HEAT-SEALED STITCHING
- QUICK CLOSURE - COMFORT PADS - CHEST BUCKLE
- FULLY WATERPROOF SACK, IDEAL FOR KEEPING YOUR CLOTHING AND EQUIPMENT DRY
- ON YOUR MORE RUGGED ADVENTURES THIS BACKPACK IS PERFECT FOR CARRYING REGULATORS OR COMPLETE CAVE EQUIPMENT AND ACCESSORIES



### TECHNICAL FEATURES

Dimension (LxWxH)	Volume
35cm x 20cm x 60cm / 13.8in x 7.9in x 23.6in	30l / 7.9 U.S gallons

## WETNOTES

code: 415762 Wetnotes incl. Pen & Straps

- COVER MADE FROM DURABLE 2250D PU COATED BALLISTIC NYLON
- CLEAR-WINDOW POCKETS ON THE INSIDE AND OUTSIDE WITH VELCRO CLOSURE OF THE BACK COVER FOR IMPORTANT ITEMS SUCH AS TABLES, CHECKLISTS, COMPASS ETC. AND INNER FRONT COVER INSIDE POCKET
- CONTAINS 23 PAGES OF REUSABLE WATERPROOF PLASTIC FOIL SHEATHS (W/ 6 TABLES)
- MATERIAL: REPLACEABLE PLASTIC FOIL SHEATHS WITH 1000 DENIER NYLON COVER
- ELASTIC PENCIL HOLDERS + STORAGE SPACE FOR PENCIL + GRAPHITE PENCIL
- ELASTIC BOOKMARK ALLOWS TO MARK A PAGE FOR QUICK REFERENCE
- ELASTIC SECURE CLOSURE LOOP
- ELASTIC SHOCKCORD ATTACHMENT FOR BOLT SNAP
- IDEAL FOR UNDERWATER COMMUNICATION, FOR DECOSTOPS AND FOR MAKING NOTES
- CAN FIT SSI CUE-CARDS



### TECHNICAL FEATURES

Dimension Close	200mm x 125mm x 15mm / 7.9in x 4.9in x 0.6in
Dimension Open	200mm x 250mm x 15mm / 7.9in x 9.8in x 0.6in

## HAND COMPASS

code: 414604 Hand Compass - Navigation (North)

- COMPASS WITH BUNGEE HOLDER AND EXTRA LONG ELASTOMERIC BUNGEE CORDS
- SIDE AND TOP READING
- LUMINESCENT "GLOW IN THE DARK" INTERNAL DIAL
- DUAL ROTATING INDEX MARKS FOR EASIER RECIPROCAL NAVIGATION
- OVERSIZED FOR EXTREME USE (LOW VISIBILITY, CAVE, NIGHT...)





# DEAD BOLT SNAP

code: 415765 Dead Bolt Snap Stainless Steel 75 mm

code: 415765 Dead Bolt Snap Stainless Steel 120 mm

- HIGH QUALITY MARINE GRADE 316 STAINLESS STEEL
- MARES XR LASER ENGRAVED
- CORROSION AND RUST RESISTANT
- SWIVELING BASES MAKING THEM EASY TO USE
- SMALL SNAPS ARE IDEAL FOR ATTACHING TO ITEMS YOU CAN SEE, E.G. BACK UP LIGHTS, LONG REGULATOR HOSE, CANISTER LIGHT, SPG ETC.
- LARGE SNAPS ARE GREAT FOR COLD WATER USE WHERE THICK GLOVES MAKE MANIPULATION DIFFICULT



TECHNICAL FEATURES		
Sizes	75mm / 3in	120mm / 4.7in

# HAND LINE-CUTTER

code: 415778 Hand Line-Cutter B Titanium

- B TITANIUM ALLOY - HRC 51 ± 2 - 3.5 :
- S/L
- EXCELLENT ABRASION AND CORROSION RESISTANCE
- VELCRO HANDLE
- DEDICATED BAG



# DOUBLE ENDER

code: 415766 Double Ender Stainless Steel 90 mm

code: 415766 Double Ender Stainless Steel 100 mm

code: 415766 Double Ender Stainless Steel 120 mm

- HIGH QUALITY MARINE GRADE 316 STAINLESS STEEL
- MARES XR LASER ENGRAVED
- CORROSION AND RUST RESISTANT
- EASY TO USE EVEN WITH DRY GLOVES
- TO CLIP AWAY GEAR INSIDE DRY SUIT POCKETS
- TO TEMPORARILY STOW A CANISTER LIGHT HEAD
- TO ATTACH A PRIMARY REEL, A SPOOL, WET NOTES OR A SPARE MASK AND USE A STAGE LEASH ETC.



TECHNICAL FEATURES			
Sizes	90mm / 3.5in	100mm / 3.9in	120mm / 4.7in

# HAND LINE-CUTTER

code: 415777 Hand Line-Cutter Ceramic

- S/S
- ULTRA SHARP, ABRASION AND CORROSION RESISTANCE
- VELCRO HANDLE
- DEDICATED BAG



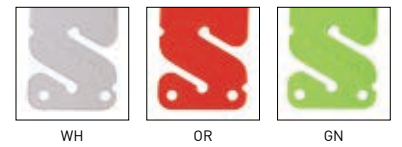
# LINE MARKERS

## CAVE LINES

- MADE FROM INJECTION MOLDED, DURABLE ABS
- SUPPLIED IN PACKS OF 5
- UNIQUE TECHNICAL DESIGN WITH:
  - CORNERS REMOVED FOR EASE OF USE, LINE GUIDING CURVES AND GROOVES, HOLES FOR RING/IDENTIFIER CLIPPING, DEDICATED SURFACE FOR MARKING
- USED FOR ORIENTATION AS A VISUAL AND TACTILE REFERENCE ON A GUIDELINE
- 3 DIFFERENT TYPES ARE AVAILABLE:
  - LINE ARROWS TO INDICATE DIRECTION, COOKIES TO DENOTE A JUNCTION, NON-DIRECTIONAL MARKERS REFERENCE A SPECIFIC SPOT

## CAVE LINE MARKERS

code: 415761 Cave Line Markers



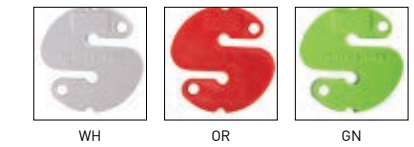
WH

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GN

## CAVE LINE COOKIES

code: 415760 Cave Line Cookies



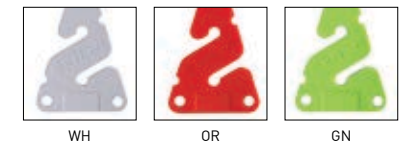
WH

OR

GN

## CAVE LINE ARROWS

code: 415759 Cave Line Arrows



WH

OR

GN

# SPOOL

code: 415764 Spool Stainless Steel - 15 m

code: 415764 Spool Stainless Steel - 30 m

code: 415764 Spool Stainless Steel - 45 m

- STAINLESS STEEL MARINE GRADE 316
- MADE FROM EDELRID™
- DOUBLE ENDER: 316 STAINLESS STEEL
- TECHNICAL BUT VERSATILE ENOUGH TO BE USED IN A RANGE OF DIVING APPLICATIONS
- UNIQUE FLARED DESIGN TO ALLOW EASE OF WINDING WHILST WEARING GLOVES
- A LARGE DIAMETER CENTER HOLE FOR USE IN COLD WATER WHILST WEARING GLOVES
- RUGGED CONSTRUCTION. WELDED STAINLESS STEEL MARINE GRADE 316
- SPOOL IS NOT OVER-WOUND, ENABLING ADDITIONAL LINE TO BE ADDED IF REQUIRED
- INCLUDES 316 STAINLESS STEEL DOUBLE ENDER
- EASY-RELEASE PULL TABS
- HIGH QUALITY, HIGH VISIBILITY LINE FOR LOW LIGHT CONDITIONS
- COMPLEMENTED BY A RANGE OF LINE MARKERS AND COOKIES



TECHNICAL FEATURES			
Sizes	15m / 49ft	30m / 98ft	45m / 148ft



REEL

code: 415767 Reel - 60 m /200 ft

code: 415767 Reel - 120 m /400 ft

- 6061 MARINE GRADE ANODIZED ALUMINUM ALLOY HANDLE
- HARD-COAT FINISHED
- PRECISION-FIT HANDLE - DELRIN FLARES PRECISELY ADJUSTED
- KNURLED STAINLESS STEEL 316 MARINE LOCK-DOWN SCREW
- STAINLESS STEEL 316 MARINE DOUBLE ENDED BOLT SNAP
- WHITE BRAIDED NYLON LINE
- COLD WATER / DRY GLOVES PULLER
- DESIGNED FOR WRECKS, CAVES AND DEMANDING DIVES
- EXCELLENT QUALITY AND OPTIMIZED DESIGN - ENTANGLEMENT FREE
- THOUSANDS OF HOURS OF TESTING IN RECREATIONAL, TECHNICAL, AND CAVE DIVING ENVIRONMENTS
- CONSISTENTLY PROVEN RELIABILITY WITH A UNIQUE AND TROUBLE-FREE DESIGN



TECHNICAL FEATURES

Sizes	60 m - 196"	120 m - 393"
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LIFT BAG

code: 415757 Lift Bag

- WELDED AND DOUBLE STITCHED
- 30KG / 80 LB LIFT CAPACITY
- AVAILABLE ONLY IN SAFETY-ORANGE COLOR, EASY TO SPOT BY SURFACE OR AIR TRAFFIC
- ONE-WAY VALVE FOR LP CONNECTOR
- STAINLESS STEEL D-RING ON TOP AND BOTTOM AND BUNGEE ATTACHED ON THE BOTTOM
- OVER-PRESSURE VALVE (OPV) ALLOWS FOR PRECISE ADJUSTMENT DURING LIFT OPERATIONS WITH LONG PULLER
- ESSENTIAL FOR A RANGE OF DIVING ACTIVITIES: FROM SALVAGE AND SIGNALING TO REDUNDANT LIFT AND EMERGENCY FLOTATION
- PROVIDES THE MOST RELIABLE SOURCE OF REDUNDANT BUOYANCY AT DEPTH OR ON THE SURFACE
- ELIMINATES THE CHANCE THAT GAS WILL ESCAPE FROM YOUR LIFT BAG DURING ASCENT OR WHILE ON THE SURFACE



SMBS

code: 415755 SMB Regular

code: 415756 SMB Emergency

- WIDTH: 15cm - TOTAL LENGTH: 1.80m (INFLATABLE SECTION: 1.40m) - LIFT: 12kg
- WELDED AND DOUBLE STITCHED
- TRANSPARENT WINDOW AT THE TOP FOR INSERTING WETNOTE MESSAGES OR GLOW STICKS
- MARKED WITH COAST GUARD APPROVED SOLAS REFLECTIVE TAPE
- AVAILABLE IN ORANGE (STANDARD) OR YELLOW (EMERGENCY)
- ONE-WAY VALVE FOR LP CONNECTOR OR 1 BREATH INFLATION
- STAINLESS STEEL D-RING AND BUNGEE ATTACHED
- OVER-PRESSURE VALVE (OPV)
- INTEGRATED PRESSURE-RELIEF VALVE, ALLOWING THEM TO BE DEPLOYED FROM DEPTH
- ONE-WAY VALVE FOR ORAL INFLATION OR LP HOSE CONNECTION - EASILY INFLATED AT DEPTH
- AVAILABLE IN YELLOW OR ORANGE: ONE COLOR TO MARK POSITION AND ONE TO MARK EMERGENCIES
- INFLATE AT THE SURFACE TO ATTRACT ATTENTION OR AT DEPTH TO SEND UP AS A SURFACE MARKER
- REFLECTIVE TAPE ON THE TOP
- WHEN DEFLATED FITS IN A THIGH POCKET OR BACKPLATE STORAGE AREA



SMBS

NEW

code: 415773 SMB Training Orange

- 1 BREATH TRAINING SMB ORANGE
- ORAL INFLATION + OPV
- 3,3ft (1m) 10cm WIDTH - 6lb (2,7kg) LIFT
- 210D NYLON WITH TPU LAMINATION
- OPV RETAINER AND TUBE IN TPU
- METAL PARTS INSTAINLESS STEEL 304





mares  
viper

pure instinct

mares |   
pure instinct





NEW HORIZON 10

NEW

code: 422481

- EXTREMELY THIN STEAMER, IDEAL FOR TRAINING AND COMPETITION IN A SWIMMING POOL
- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
- DESIGNED TO AID ARM EXTENSION
- THE NEW SMOOTH NEOPRENE INCREASES HYDRODYNAMICS WHILE FREEDIVING
- SLIPPERY SMOOTH SURFACE IS ACHIEVED BY A POLYURETHANE TREATMENT
- EXCELLENT ELASTICITY AND HIGH THERMAL PROPERTIES
- REAR ZIPPER



NEW HORIZON 10 LADY

NEW

code: 422482

- EXTREMELY THIN STEAMER, IDEAL FOR TRAINING AND COMPETITION IN A SWIMMING POOL
- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
- DESIGNED TO AID ARM EXTENSION
- THE NEW SMOOTH NEOPRENE INCREASES HYDRODYNAMICS WHILE FREEDIVING
- SLIPPERY SMOOTH SURFACE IS ACHIEVED BY A POLYURETHANE TREATMENT
- EXCELLENT ELASTICITY AND HIGH THERMAL PROPERTIES
- REAR ZIPPER



TECHNICAL FEATURES

Thickness	1.0 mm				
Fabric type	POLYURETHANE TREATMENT				
	NEOPRENE				
	BLACK LINING INTERIOR				
Sizes	2	3	4	5	6

RELATED PRODUCTS

RAZOR MATRIX	VIPER	DUAL	AMARA 20	FLEX 20
page 119	page 128	page 131	page 136	page 135

TECHNICAL FEATURES

Thickness	1.0 mm				
Fabric type	POLYURETHANE TREATMENT				
	NEOPRENE				
	BLACK LINING INTERIOR				
Sizes	1	2	3	4	5

RELATED PRODUCTS

RAZOR MATRIX	X-FREE	DUAL	AMARA 20	FLEX 20
page 119	page 127	page 131	page 136	page 135



# APNEA INSTINCT

30	NEW
Jacket: <b>422475</b>	
Pants: <b>422476</b>	
50	
Jacket <b>422459</b>	
Pants: <b>422460</b>	

- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
- EXCELLENT ELASTICITY, HIGH THERMAL PROPERTIES AND COMPRESSION RESISTANT
- THE 5 mm JACKET UTILIZES 3.5 mm NEOPRENE AT THE WRISTS AND AROUND THE FACE, INCLUDING THE SAME APPLICATION ON THE PANTS AT THE ANKLES AND WAISTBAND
- HIGH-WAISTED PANTS
- RUGGED DOUBLE-LINED BEAVER TAIL WITH QUICK-CONNECT GROMMETS



# APNEA INSTINCT LADY

30	NEW
Jacket: <b>422477</b>	
Pants: <b>422478</b>	
50	
Jacket <b>422461</b>	
Pants: <b>422462</b>	

- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
- THE CUT IS DEDICATED TO THE FEMALE BODY SHAPE
- THE 5 mm JACKET UTILIZES 3.5 mm NEOPRENE AT THE WRISTS AND AROUND THE FACE, INCLUDING THE SAME APPLICATION ON THE PANTS AT THE ANKLES AND WAISTBAND
- EXCELLENT ELASTICITY, HIGH THERMAL PROPERTIES AND COMPRESSION RESISTANT
- HIGH-WAISTED PANTS
- RUGGED DOUBLE-LINED BEAVER TAIL WITH QUICK-CONNECT GROMMET



TECHNICAL FEATURES					
Thickness	3.0 mm / 5.0 mm				
Fabric type	BLACK LINING EXTERIOR				
	NEOPRENE				
	OPEN CELL INTERIOR				
Sizes	2	3	4	5	6

## RELATED PRODUCTS

RAZOR CARBON	X-FREE	DUAL	FLEX GOLD 30	FLEX GOLD 30
page 120	page 127	page 131	page 135	page 135

TECHNICAL FEATURES					
Thickness	3.0 mm / 5.0 mm				
Fabric type	BLACK LINING EXTERIOR				
	NEOPRENE				
	OPEN CELL INTERIOR				
Sizes	1	2	3	4	5

## RELATED PRODUCTS

RAZOR CARBON	SAMURAI X	DUAL	FLEX GOLD 30	FLEX GOLD 30
page 120	page 127	page 131	page 135	page 135

# APNEA INFINITY 30

- code: **422463**
- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
  - DESIGNED TO AID ARM EXTENSION
  - THE NEW SMOOTH NEOPRENE INCREASES HYDRODYNAMICS DURING FREEDIVING
  - EXCELLENT ELASTICITY, HIGH THERMAL PROPERTIES AND COMPRESSION RESISTANT
  - THE NEOPRENE'S SPECIAL TREATMENT INCREASES RESISTANCE TO TEARS
  - ULTRA-STRETCH PANELS ON THE BASE OF THE ZIPPER AND IN THE UNDER ARM AREA
  - REAR ZIPPER
  - SEPARATE 3 mm HOOD (NOT INCLUDED)



TECHNICAL FEATURES					
Thickness	3.0 mm				
Fabric type	SMOOTH EXTERIOR				
	NEOPRENE				
	BLACK LINING INTERIOR				
Sizes	2	3	4	5	6

## RELATED PRODUCTS

RAZOR MATRIX	VIPER	DUAL	AMARA 20	FLEX 30
page 119	page 128	page 131	page 136	page 135

# APNEA INFINITY 30 LADY

- code: **422464**
- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT FOR WOMEN
  - DESIGNED TO AID ARM EXTENSION
  - THE NEW SMOOTH NEOPRENE INCREASES HYDRODYNAMICS DURING FREEDIVING
  - EXCELLENT ELASTICITY, HIGH THERMAL PROPERTIES AND COMPRESSION RESISTANT
  - THE NEOPRENE'S SPECIAL TREATMENT INCREASES RESISTANCE TO TEARS
  - ULTRA-STRETCH PANELS ON THE BASE OF THE ZIPPER AND IN THE UNDER ARM AREA
  - REAR ZIPPER
  - SEPARATE 3 mm HOOD (NOT INCLUDED)



TECHNICAL FEATURES					
Thickness	3.0 mm				
Fabric type	SMOOTH EXTERIOR				
	NEOPRENE				
	BLACK LINING INTERIOR				
Sizes	1	2	3	4	5

## RELATED PRODUCTS

RAZOR MATRIX	STAR LIQUIDSKIN	DUAL	AMARA 20	FLEX 30
page 119	page 129	page 131	page 136	page 135



APNEA INSTINCT 17

APNEA INSTINCT 17 LADY

SIZE CHARTS

Jacket code: **422468**

Pant code: **422469**

- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
- EXCELLENT ELASTICITY AND COMPRESSION RESISTANT NEOPRENE
- DEDICATED TO FREEDIVING COMPETITIONS IN WARM WATER CONDITIONS
- HIGH-WAISTED PANTS
- RUGGED DOUBLE-LINED BEAVER TAIL WITH QUICK-CONNECT GROMMETS



Jacket code: **422470**

Pant code: **422471**

- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
- THE NEW PREFORMED CUT IS DEDICATED TO THE FEMALE FORM
- EXCELLENT ELASTICITY AND COMPRESSION RESISTANT NEOPRENE
- DEDICATED TO FREEDIVING COMPETITIONS IN WARM WATER CONDITIONS
- HIGH-WAISTED PANTS
- RUGGED DOUBLE-LINED BEAVER TAIL WITH QUICK-CONNECT GROMMET



TECHNICAL FEATURES						
Thickness	1.7 mm					
Fabric type	SMOOTH EXTERIOR					
	NEOPRENE					
	BLACK LINING INTERIOR					
Sizes	2	3	4	5	6	

RELATED PRODUCTS

RAZOR PRO

page 121

VIPER

page 128

DUAL

page 131

AMARA 20

page 136

FLEX 20

page 135

TECHNICAL FEATURES						
Thickness	1.7 mm					
Fabric type	SMOOTH EXTERIOR					
	NEOPRENE					
	BLACK LINING INTERIOR					
Sizes	1	2	3	4	5	

RELATED PRODUCTS

RAZOR PRO

page 121

SAMURAI X

page 127

DUAL

page 131

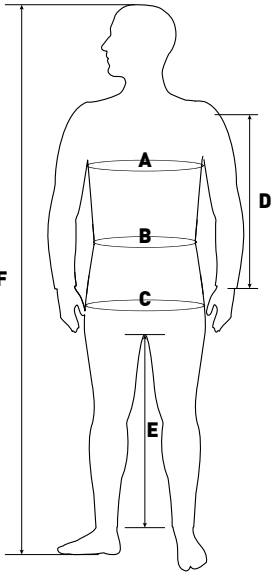
AMARA 20

page 136

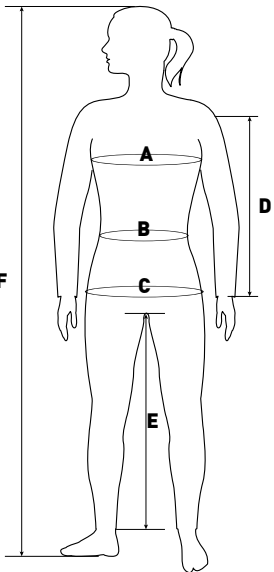
FLEX 20

page 135

Man - Hombre								
Sizes - Measurements Tallas - Medidas		USA	2	3	4	5	6	7
		EU	S	M	L	XL	XXL	3XL
		IT	2	3	4	5	6	
A	Chest	inch	36 - 38	37 - 40	39 - 41	41 - 43	42 - 45	45 - 47
	Pecho	cm	91 - 97	95 - 101	99 - 105	103 - 109	107 - 115	114 - 120
B	Waist	inch	30 - 33	33 - 35	34 - 37	36 - 38	37 - 41	40 - 42
	Cintura	cm	77 - 83	83 - 89	87 - 93	91 - 97	95 - 103	102 - 106
C	Hips	inch	35 - 38	37 - 39	39 - 41	40 - 43	42 - 45	45 - 47
	Caderas	cm	90 - 96	94 - 100	98 - 104	102 - 108	106 - 114	113 - 119
D	Arm	inch	21 - 22	21 - 22	22 - 23	23 - 24	24 - 25	25 - 26
	Brazos	cm	52 - 55	54 - 57	56 - 59	58 - 61	60 - 63	63 - 65
E	Inseam	inch	27 - 28	28 - 29	28 - 30	29 - 30	30 - 31	32 - 33
	Long. Int Piernas	cm	68 - 71	70 - 73	72 - 75	74 - 77	76 - 79	79 - 81
F	Height	inch	65 - 68	67 - 69	69 - 71	70 - 72	72 - 74	74 - 76
	Estatura	cm	166 - 172	170 - 176	174 - 180	178 - 184	182 - 188	188 - 192



Lady - Mujer							
Sizes - Measurements Tallas - Medidas		USA	1	2	3	4	5
		EU	XS	S	M	L	XL
		IT	1	2	3	4	5
A	Chest	inch	33 - 35	34 - 37	36 - 38	38 - 40	39 - 41
	Pecho	cm	83 - 89	87 - 93	91 - 97	95 - 101	99 - 105
B	Waist	inch	26 - 28	27 - 30	29 - 31	30 - 33	32 - 34
	Cintura	cm	65 - 71	69 - 75	73 - 79	77 - 83	81 - 87
C	Hips	inch	34 - 37	36 - 38	37 - 40	39 - 41	41 - 43
	Caderas	cm	87 - 93	91 - 97	95 - 101	99 - 105	103 - 109
D	Arm	inch	19 - 20	20 - 21	21 - 22	22 - 23	23 - 24
	Brazos	cm	48 - 51	50 - 53	52 - 55	54 - 57	56 - 59
E	Inseam	inch	25 - 26	26 - 27	27 - 28	28 - 29	29 - 30
	Long. Int Piernas	cm	64 - 67	66 - 69	68 - 71	70 - 73	72 - 75
F	Height	inch	61 - 64	63 - 65	65 - 67	66 - 69	68 - 70
	Estatura	cm	156 - 162	160 - 166	164 - 170	168 - 174	172 - 178



PLEASE NOTE: Freediving/Spearfishing wetsuits must fit well. Given the material used to manufacture them, the table is for reference only. We suggest trying the wetsuit on at a Mares retailer.

NOTA: Trajes de apnea/pesca submarina deben encajar bien. Teniendo en cuenta el material utilizado para fabricarlo, la tabla es solo para referencia. Sugerimos probar el traje en una tienda de Mares.



ACCESSORIES

HOOD INFINITY 30

code: 422465 Man  
code: 422474 Lady

- NEW PREFORMED CUT ENSURES COMFORT AND EXCELLENT FIT
- DEDICATED TO THE NEW FREEDIVING STEAMERS



TECHNICAL FEATURES						
Thickness	3.0 mm					
Fabric type	SMOOTH EXTERIOR					
	NEOPRENE					
	BLACK LINING INTERIOR					
Sizes Man		II	III	IV	V	VI
Sizes Lady	I	II	III	IV	V	

BACKPACK APNEA

code: 425501

- IDEAL FOR FREEDIVING EQUIPMENT
- ULTRA LIGHTWEIGHT
- COMPLETELY WATERTIGHT
- EXTERNAL POCKET
- DESIGNED WITH LONG FREEDIVING FINS IN MIND
- ADJUSTABLE ERGONOMIC SHOULDER STRAPS

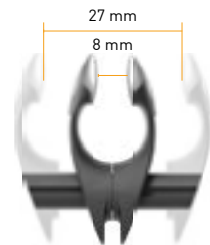


TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
98x28x18cm	0,9 Kg	75 L

NOSE CLIP

code: 423974

- ERGONOMIC SHAPE FOR HANDS-FREE COMPENSATION
- LIGHT AND COMPACT
- SOFT OVER MOLDED AREA FOR MAXIMUM GRIP AND COMFORT
- CAN BE APPLIED ON THE MASK OR NOSE
- IDEAL FOR SWIMMING AND FREEDIVING IN ALL ENVIRONMENTS
- SYMMETRICALLY FORMED
- ADJUSTABLE LANYARD



LANYARD FREEDIVING NEW

code: 423992

- RELEASABLE SAFETY CABLE
- SAFETY RELEASE SYSTEM ON THE BRACELET
- STAINLESS STEEL SNAP HOOK
- COATED STEEL CABLE, YELLOW COLOR AND 100 cm LONG
- TWO SWIVELS AT THE EXTREMITIES OF THE CABLE
- THE LANYARD IS MANDATORY IN COMPETITION, AND RECOMMENDED DURING COURSES AND TRAINING



ACCESSORIES

TRAINING

NEW

code: 425715

- FOUR OUTSIDE HANDLES FOR PRE-DIVE PREPARATION
- AMPLE INSIDE SPACE TO CONTAIN THE LINE DURING TRANSPORTATION
- EXTERNAL POCKET WITH ZIP
- ORAL INFLATOR AND OVER PRESSURE VALVE
- STAINLESS STEEL D-RING FOR TO CONNECT THE FREE DIVING LINE
- 12 HOLES FOR WATER DRAINAGE



HOLDER FOR DIVE FLAG

NEW

code: 425716



DIVE FLAG

code: 45200301

- SPARE PART FOR TECH BUOYS
- FLAG: 31.5 X 31.5 cm







computers

## SMART APNEA

code: 424153

- SEGMENTED LCD DISPLAY
- INSTANTANEOUS DEPTH, DIVE TIME, RECOVERY TIME, TEMPERATURE
- DESCENT AND ASCENT RATE
- CUSTOMIZABLE ALARMS (DEPTH, TIME, SPEED, HYDRATION, RECOVERY TIME)
- ONE SECOND SAMPLING RATE
- ADVANCED PERFORMANCE MICROPROCESSOR
- LATEST GENERATION DEPTH SENSOR
- UPDATABLE FIRMWARE AND DATA DOWNLOAD WITH AFTERMARKET DIVE LINK INTERFACE

ALSO FOR FREEDIVING



### COLOR VARIATIONS



BKOR

BKGR

### TECHNICAL FEATURES

Battery	Type	CR2430
	Duration	Approx. 200 hours of diving over a 2 year time span
Max displayed depth	150m/492ft	
Resolution	Resolution 0.1m until 99.9m - 1m at depth deeper than 100m In ft. it is always 1ft	
Temperature	-10 °C to +50 °C / 14 °F to 122 °F	
Logbook memory	20-30 hours of dive profile at 1-second sampling rate	
Display	Mineral glass - Diagonal 31 mm / 1 ¼ inch	
Clock	Quartz clock, time, date, dive time, displays up to 999 minutes	

## ACCESSORIES

### DIVE LINK 2 USB INTERFACE

code: 414316

- FOR DOWNLOADING LOGBOOK TO PC OR MAC
- FOR UPGRADING FIRMWARE
- REQUIRED SOFTWARE: DIVE ORGANIZER (PC) OR DIVERS DIARY (MAC)



### MATRIX DISPLAY PROTECTOR

code: 415173

- PERFECT FIT AND EASY TO INSTALL
- PREVENTS FROM SCRATCHES, DIRT AND SAND
- SOFT AND DURABLE
- ULTRA CLEAR
- A PACK CONTAINS 2 PIECES
- ALSO FITS THE SMART



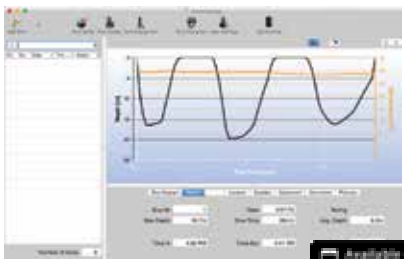
### SOFTWARE / DIVE ORGANIZER

- FULL-FEATURED LOGBOOK MANAGEMENT SOFTWARE
- FOR PC ONLY



### SOFTWARE / DIVERS DIARY

- FULL-FEATURED LOGBOOK MANAGEMENT SOFTWARE
- FOR MAC ONLY







fins

RAZOR MATRIX

NEW

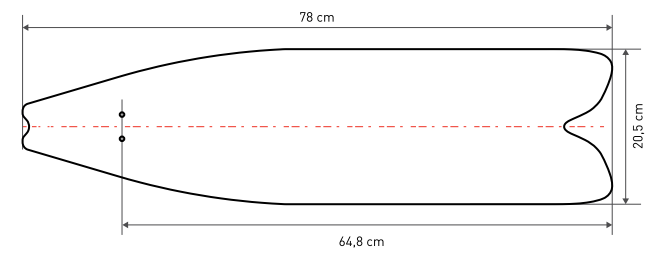
code: 420407



- BLADE PRODUCED WITH IMPREGNATED CARBON AND FIBERGLASS LAYERS
- NEW CARBON WITH FIBERS WOVEN AT 90° TO FORM 1.5 cm SQUARES
- THE FIBERS CROSS OVER EACH OTHER FEWER TIMES, INCREASING THE RESPONSIVENESS OF THE BLADE
- VARIABLE BLADE THICKNESS AND HIGH-PERFORMING PARABOLIC FLEXION
- RAZOR MATRIX BLADE IS 20,5 cm WIDE AND 65 cm LONG
- HIGH-QUALITY MANUFACTURING PROCESS
- NEW VARIABLE SIDE RIBS SUPPORT AND OPTIMIZE CHANNEL THRUST AND FLEX
- 22° BLADE INCLINATION RELATIVE TO THE FOOT POCKET
- RAZOR FOOT POCKET DESIGNED TO BE WORN WITH A 3 mm NEOPRENE SOCK
- FIN PROTECTION BAG INCLUDED

ALSO FOR FREEDIVING

TECHNICAL FEATURES



Sizes			Weight	Length
EU	UK	USA		
39/40	5.5/6.5	7/8	810gr / 1.8lb	900mm / 35.4in
41/42	7.5/8	8.5/9.5	863gr / 1.9lb	910mm / 35.8in
43/44	9/10	10/11	913gr / 2lb	930mm / 36.6in
45/46	10.5/11.5	12/13	978gr / 2.1lb	940mm / 37in
47/48	12/13	13/14	1018gr / 2.2lb	950mm / 37.4in

SPARE PART

	code	page
Foot pocket Razor	420904	122
Blade Fixing set	420905	122
Fin Blade Razor Matrix	420910	122

ACCESSORIES

Razor fin insole	423943	123
Mares Power Lock	415175	123

DETAILS





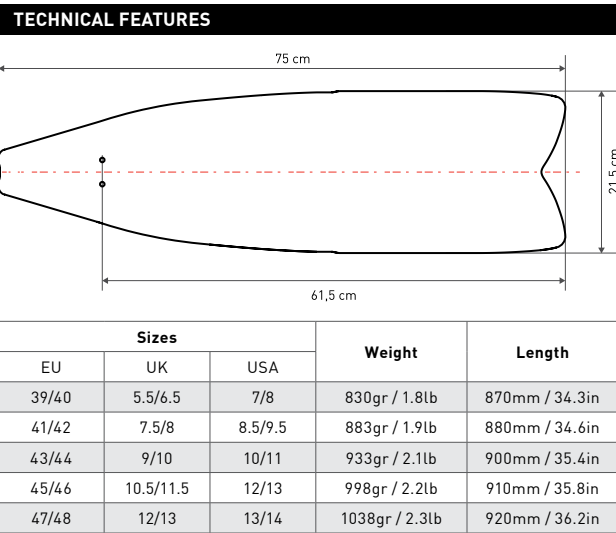
# RAZOR CARBON

code: 420403



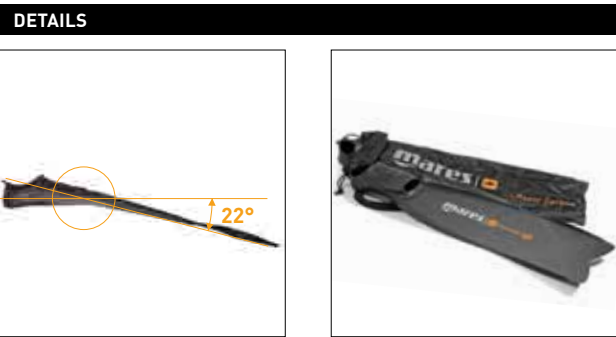
- MANUFACTURING PROCESS WITH CONTINUOUS VACUUM IN AUTOCLAVE
- BLADE MADE OUT OF 3K PRE-IMPREGNATED CARBON FIBERS
- VARIABLE SIDE RIBS TO SUPPORT AND OPTIMIZE FLEX AND CHANNEL THRUST
- OPTIMAL BLADE INCLINATION AT 22 DEGREES RELATIVE TO THE FOOT POCKET
- DESIGNED TO BE WORN WITH A 3 mm NEOPRENE SOCK
- UNBEATABLE PERFORMANCE
- PROTECTION BAG INCLUDED

ALSO FOR FREEDIVING 



SPARE PART		
	code	page
Foot pocket Razor	420904	122
Blade Fixing set	420905	122
Fin Blade Razor Carbon	420903	122

ACCESSORIES		
Razor fin insole	423943	123
Mares Power Lock	415175	123



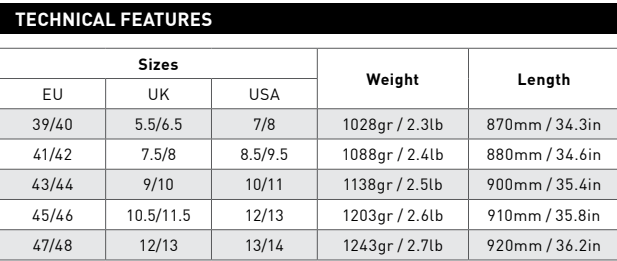
# RAZOR

code: 420402



- IDEAL CHOICE FOR SHALLOW TO MID-DEPTH DIVING
- 30% SOFTER BLADE VERSUS RAZOR PRO
- BEST CHOICE FOR EXTENDED SURFACE SWIMMING
- DESIGNED TO BE WORN WITH A 3 mm NEOPRENE SOCK
- INTERCHANGEABLE BLADE CONSTRUCTION

ALSO FOR FREEDIVING 



SPARE PART		
	code	page
Foot pocket Razor	420904	122
Blade Fixing set	420905	122
Fin Blade Razor Grey	420902	122

ACCESSORIES		
Razor fin insole	423943	123
Mares Power Lock	415175	123

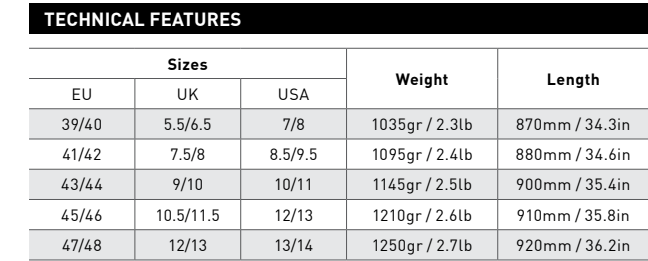
# RAZOR PRO

code: 420401



- INTERCHANGEABLE BLADE TO MEET DEMANDS IN ALL DIVING CONDITIONS
- TAPERED HIGH-QUALITY ELASTOMER BLADE FACILITATES EXCELLENT AGILITY AND PERFORMANCE
- DESIGNED TO BE WORN WITH A 3 mm NEOPRENE SOCK
- PERFORMANCE ENGINEERED FOOT POCKET DELIVERS PERFECT POWER TRANSMISSION FROM FOOT TO BLADE
- V-TIP TO PREVENT SLIPPING FROM SIDE TO SIDE WHILE KICKING

ALSO FOR FREEDIVING 



SPARE PART		
	code	page
Foot pocket Razor	420904	122
Blade Fixing set	420905	122
Fin Blade Razor Pro Black	420901	122

ACCESSORIES		
Razor fin insole	423943	123
Mares Power Lock	415175	123



# RAZOR BLADES

FIN BLADE RAZOR MATRIX **NEW**  
code: 420910

FIN BLADE RAZOR CARBON  
code: 420903

FIN BLADE RAZOR GREY  
code: 420902



FIN BLADE RAZOR PRO BLACK  
code: 420901

FIN BLADE RAZOR PRO CAMOUFLAGE GREEN  
code: 420906

FIN BLADE RAZOR PRO CAMOUFLAGE BROWN  
code: 420907



## TECHNICAL FEATURES

Pack info	1 pc for 1 fin
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# RAZOR FOOT POCKET

- code: 420904
- DESIGNED TO BE WORN WITH A 3mm NEOPRENE SOCK
  - WEARING THESE FINS BAREFOOT, USE THE NEXT SIZE SMALLER FINS



## TECHNICAL FEATURES

Sizes	39/40 - 41/42 - 43/44 - 45/46 - 47/48
Pack info	1 pc for 1 fin

# RAZOR BLADE FIXING SET

code: 420905



## TECHNICAL FEATURES

Pack info	1 pc for 1 fin
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# RAZOR INSOLE

- code: 423943
- PREFORMED INSOLE CAN MAKE A RAZOR FOOT POCKET ONE SIZE SMALLER
  - USE SCISSORS TO CUT ALONG THE LINES PROVIDED ON THE UNDERSIDE
  - THE LENGTH CAN BE ADJUSTED TO THREE DIFFERENT SIZES
  - PACK 5 PCS (RETAIL PRICE FOR 1 PC)



## SIZES

A	+EU 39/40	=EU 37/38
B	+EU 41/42	=EU 40/41
C	+EU 43/44	=EU 42/43
C	+EU 45/46	=EU 44/45

# POWER LOCK

- code: 415175
- DESIGNED TO FIT FULL-FOOT FINS
  - 3 SIZES: S – L – XL
  - HELPS TO SECURE WHEN USING OVERSIZED FINS
  - PREVENTS FIN SORES



## TECHNICAL FEATURES

Sizes	S – L – XL
Pack info	1 pair

# AVANTI QUATTRO POWER

- code: 420404
- MARES CHANNEL THRUST PATENT
  - OPTIMIZED WATER CHANNELING FOR SIGNIFICANT FLOW AND THRUST
  - SHORTER BLADE FOR INCREASED CONTROL AND FAST MANEUVERS IN AND UNDER WATER
  - ANATOMIC FOOT POCKET WITH REINFORCED HEEL



## COLOR VARIATIONS



## TECHNICAL FEATURES

Sizes			Weight	Length
EU	UK	USA		
40/41	6.5/7.5	7/8	960gr / 2.1lb	710mm / 27.9in
42/43	8/9	8.5/9.5	1053gr / 2.3lb	725mm / 28.5in
44/45	10/10.5	10/11	1175gr / 2.6lb	755mm / 29.7in
46/47	11.5/12	12/13	1210gr / 2.7lb	765mm / 30.1in





- IDEAL CHOICE FOR SHALLOW TO MID-DEPTH DIVING
- NEW TECHNO POLYMER BLADE AND HIGH-PERFORMANCE PARABOLIC FLEXION
- OVER MOLDED FOOT POCKET
- TAPERED LATERAL RIPS FOR PROGRESSIVE BLADE FLEX
- NEW TIP PROFILE TO PREVENT SLIPPING FROM SIDE TO SIDE WHILE KICKING

ALSO FOR FREEDIVING

COLOR VARIATIONS

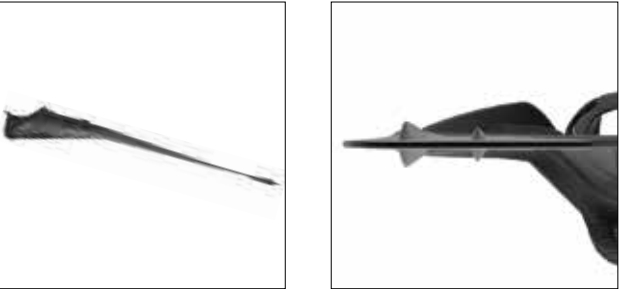


BK                      BWN                      GN

TECHNICAL FEATURES

Sizes			Weight	Length
EU	UK	USA		
38/39	5/6	6/7	904gr / 2lb	860mm / 33.8in
40/41	6.5/7.5	7/8	932gr / 2.1lb	874mm / 34.4in
42/43	8/9	8.5/9.5	968gr / 2.1lb	889mm / 35in
44/45	10/10.5	10/11	1002gr / 2.2lb	902mm / 35.5in
46/47	11.5/12	12/13	1027gr / 2.3lb	916mm / 36in

DETAILS



FINS			Razor Matrix	Razor Carbon	Razor	Razor Pro	Avanti Quattro Power	Concorde
CODE			420407	420403	420402 GR	420401 BK	420404 BK	420406 BK
							420404 CM	420406 BWN
								420406 GN
SIZES								
EU	UK	USA						
38/39	5/6	6/7						904gr - 860mm / 2lb - 33.8in
39/40	5.5/6.5	7/8	810gr - 900mm / 1.7lb - 35.4in	830gr - 870mm / 1.8lb - 34.2in	1028gr - 870mm / 2.3lb - 34.2in	1035gr - 870mm / 2.3lb - 34.2in		
40/41	6.5/7.5	7/8					960gr - 710mm / 2.1lb - 27.9in	932gr - 874mm / 2.1lb - 34.4in
41/42	7.5/8	8.5/9.5	863gr - 910mm / 1.9lb - 35.8in	883gr - 880mm / 1.9lb - 34.6in	1088gr - 880mm / 2.4lb - 34.6in	1095gr - 880mm / 2.4lb - 34.6in		
42/43	8/9	8.5/9.5					1053gr - 725mm / 2.3lb - 28.5in	968gr - 889mm / 2.1lb - 35in
43/44	9/10	10/11	913gr - 930mm / 2lb - 36.6in	933gr - 900mm / 2lb - 35.4in	1138gr - 900mm / 2.5lb - 35.4in	1145gr - 900mm / 2.5lb - 35.4in		
44/45	10/10.5	10/11					1175gr - 755mm / 2.6lb - 29.7in	1002gr - 902mm / 2.2lb - 35.5in
45/46	10.5/11.5	12/13	978gr - 940mm / 2.1lb - 37in	998gr - 910mm / 2.2lb - 35.8in	1203gr - 910mm / 2.6lb - 35.8in	1210gr - 910mm / 2.7lb - 35.8in		
46/47	11.5/12	12/13					1210gr - 765mm / 2.7lb - 30.1in	1027gr - 916mm / 2.3lb - 36in
47/48	12/13	13/14	1018gr - 950mm / 2.2lb - 37.4in	1038gr - 920mm / 2.3lb - 36.2in	1243gr - 920mm / 2.7lb - 36.2in	1250gr - 920mm / 2.8lb - 36.2in		

\* The data refer to blades mounted on Razor foot pockets  
Razor foot pockets are designed to be worn with a 3mm neoprene sock. If you are wearing these fins barefoot, use the next size smaller fins.





# masks & snorkels

## X- FREE

NEW

code: 421412

- OVER MOLDED FRAME AND ANATOMICAL SKIRT
- MINIMUM DISTANCE BETWEEN LENS AND EYES
- MINIMAL INTERNAL VOLUME, UNDER 80cm³
- INCREASED FIELD OF VISION
- VERY LIGHTWEIGHT
- MATTE FINISH FOR ANTI-REFLECTIVE PROPERTIES
- HYDRODYNAMIC PROFILE REDUCES DRAG IN WATER
- ERGONOMIC MASK STRAP BUCKLES FOR EASY OPERATION
- EMBOSSED GRIP AREA ON THE NOSE FOR PERFECT FITTING WITH A NOSE CLIP
- NEW SILICONE UTILIZED IN THE SKIRT REDUCES FOGGING

ALSO FOR FREEDIVING



### COLOR VARIATIONS



BXBK BK

BXBWN BK

BXGN BK

BXL BL

BXWH WH

### TECHNICAL FEATURES

Weight [g]	147 gr
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### DETAILS / BUCKLE



## SAMURAI X

NEW

code: 421413

- RESTYLING OF THE HISTORICAL SAMURAI MASK
- REDUCED DISTANCE FROM LENS TO EYES
- MINIMAL INTERNAL VOLUME, UNDER 80 cm³
- WIDE FIELD OF VISION
- NEW LIGHTWEIGHT THIN FRAME
- MATTE FINISH FOR ANTI-REFLECTIVE PROPERTIES
- BUCKLE CONNECTIONS ON THE SKIRT

ALSO FOR FREEDIVING



### COLOR VARIATIONS



BXBK BK

BXBWN BK

BXGN BK

### TECHNICAL FEATURES

Weight [g]	140 gr
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### DETAILS / BUCKLE





VIPER

code: 421411

- REDUCED DISTANCE FROM LENS TO EYE
- MINIMAL INTERNAL VOLUME
- INCREASED FIELD OF VISION
- ANATOMICAL SKIRT WITHOUT INTERNAL LIP
- VERY LIGHTWEIGHT
- MATTE FINISH FOR ANTI-REFLECTIVE PROPERTIES
- HYDRODYNAMIC PROFILE REDUCING RESISTANCE IN WATER
- ERGONOMIC MASK STRAP BUCKLES FOR EFFORTLESS OPERATION
- THE NEW SILICONE USED IN SKIRT REDUCES FOGGING

ALSO FOR FREEDIVING

X-VU LiquidSkin

code: 421408

- BI-SILICONE SKIRT AND STRAP, EXCLUSIVE MARES LIQUIDSKIN® PATENT
- MODERATE INTERNAL VOLUME
- PATENTED CUSHIONING SYSTEM ON THE MASK SKIRT
- WIDE FIELD OF VISION ESPECIALLY IN THE DOWNWARD DIRECTION
- LOW PROFILE BUCKLES POSITIONED ON THE SKIRT

STAR LiquidSkin

code: 421400

- BI-SILICONE SKIRT AND STRAP, EXCLUSIVE MARES LIQUIDSKIN® PATENT
- MINIMAL INTERNAL VOLUME
- REDUCED DISTANCE FROM LENS TO EYE
- INCREASED FIELD OF VISION
- LOW PROFILE BUCKLES POSITIONED ON THE SKIRT

ALSO FOR FREEDIVING

STAR

code: 421402

- MINIMAL INTERNAL VOLUME
- REDUCED DISTANCE FROM LENS TO EYE
- INCREASED FIELD OF VISION
- LOW PROFILE BUCKLES POSITIONED ON THE SKIRT

ALSO FOR FREEDIVING



COLOR VARIATIONS

BXBK BK

BXBWN BK

BXGN BK

TECHNICAL FEATURES

Weight (g)	150 gr
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COLOR VARIATIONS

BXGR BK

BXBWN BK

TECHNICAL FEATURES

Weight (g)	173 gr
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COLOR VARIATIONS

BXBK GR

TECHNICAL FEATURES

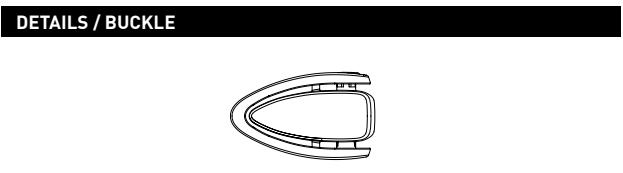
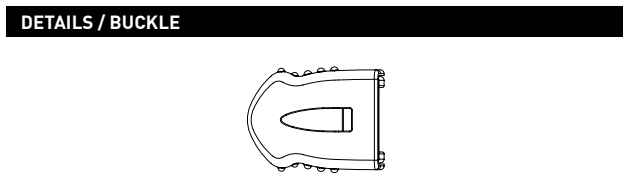
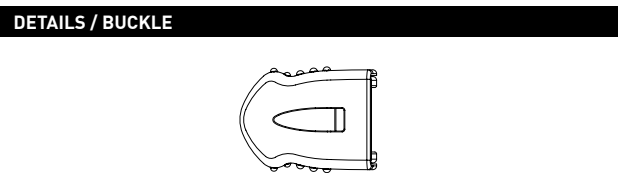
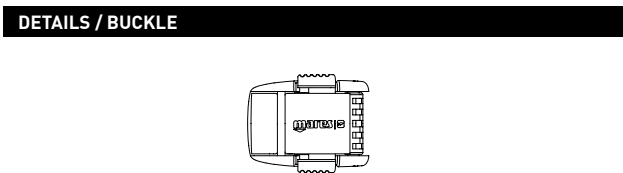
Weight (g)	149 gr
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COLOR VARIATIONS

BXBK BK

TECHNICAL FEATURES

Weight (g)	145 gr
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# STAR ELITE

code: 421401

- ANTI-REFLECTIVE LENS TREATMENT (MIRRORED)
- MINIMAL INTERNAL VOLUME
- REDUCED DISTANCE FROM LENS TO EYE
- INCREASED FIELD OF VISION
- LOW PROFILE BUCKLES POSITIONED ON THE SKIRT

ALSO FOR FREEDIVING



## COLOR VARIATIONS

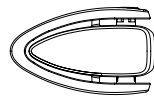


BXBK BK

## TECHNICAL FEATURES

Weight (g)	145 gr
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## DETAILS / BUCKLE



# SAMURAI

code: 421403

- CLASSIC LOW VOLUME MASK
- MINIMAL INTERNAL VOLUME
- REDUCED DISTANCE FROM LENS TO EYE
- WIDE FIELD OF VISION
- LIGHTWEIGHT
- HYPOALLERGENIC ANTI-GLARE SILICONE SKIRT

ALSO FOR FREEDIVING



## COLOR VARIATIONS

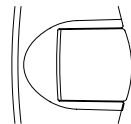


BXBK BK

## TECHNICAL FEATURES

Weight (g)	175 gr
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## DETAILS / BUCKLE



# TANA

code: 421405

- SOFT TOUCH INSERTS ON THE FRAME FOR A SURE GRIP AND EASY POSITIONING ON THE FACE
- REDUCED DISTANCE FROM LENS TO EYE
- OPTIMUM FIELD OF VISION
- REDUCED INTERNAL VOLUME
- LIGHTWEIGHT
- SIDE GUSSETS AT THE NOSE TO FACILITATE EASY EQUALIZING

ALSO FOR FREEDIVING



## COLOR VARIATIONS



BXBK BK



BXGN BK



BXBL BK

## TECHNICAL FEATURES

Weight (g)	155 gr
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## DETAILS / BUCKLE



# DUAL

code: 421454

- TUBE IS MADE FROM TWO MATERIALS WITH TWO DIFFERENT SOFTNESS LEVELS
- IDEAL FOR PROLONGED USE
- ANATOMICAL MOUTHPIECE IN HYPOALLERGENIC SILICONE
- DIAMETER AND LENGTH OF TUBE ARE OPTIMIZED FOR EASIER CLEARING AND TO AVOID AIR TURBULENCE
- SPECIAL "D" SHAPED BARREL DESIGN ELIMINATES DISCOMFORT IN THE AREA OF THE TEMPLE

ALSO FOR FREEDIVING

## COLOR VARIATIONS



GN SA



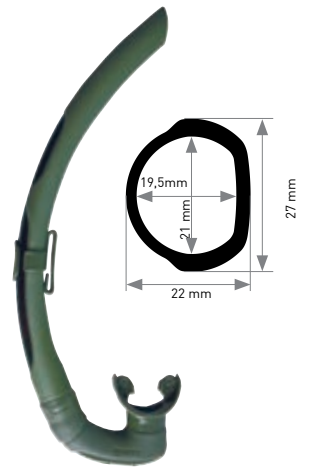
BK SA



BWN SA



BL SA



# TECHNICAL SPECIFICATIONS

MASK	X Free	Samurai X	Viper	X-VU LiquidSkin®	Star LiquidSkin®	Star	Star Elite	Samurai	Tana
CODE	421412	421413	421411	421408	421400	421402	421401	421403	421405
COLOR	BXBK BK	BXBK BK	BXBK BK	BXGR BK	BXBK AG	BXBK BK	BXBK BK	BXBK BK	BXBK BK
	BXBWN BK	BXBWN BK	BXBWN BK	BXBWN BK					BXBL BK
	BXGN BK	BXGN BK	BXGN BK						BXGN BK
	BXBL BL								
	BXWH WH								
STREAMLINED PROFILE	■		■					■	
LIGHT WEIGHT	■	■	■					■	
WIDE FIELD OF VISION	■	■	■	■				■	■
INTERNAL VOLUME	MINIMAL	■	■		■	■	■	■	
	REDUCED								■
	MODERATE			■					





neoprene

INSTINCT CAMO GREEN

35

code Jacket: 482122

code Pants: 482121

55

code Jacket: 422438

code Pants: 422439

70

code Jacket: 422446






- ELASTICITY, THERMAL COMFORT, RESISTANT TO COMPRESSION
- GREEN CAMOUFLAGE PRINTED ON GREY LINING TO MAKE THE DIVER EVEN MORE DISGUISED
- REINFORCED CHEST PAD IN MELCOTAPE
- HIGH-WAISTED PANTS



TECHNICAL FEATURES

Thickness	3.5 mm / 5.5 mm / 7.0 mm				
Fabric type	LINING EXTERIOR				
	NEOPRENE				
	OPEN CELL INTERIOR				
Sizes	2	3	4	5	6

RELATED PRODUCTS

				
BLADE RAZOR PRO	VIPER	DUAL	CAMO GREEN	CAMO GREEN
page 122	page 128	page 131	page 136	page 136

INSTINCT CAMO BROWN

35

code Jacket: 422426

code Pants: 422427

55

code Jacket: 422420

code Pants: 422421

70

code Jacket: 422428

code Pants: 422448

- ELASTICITY, THERMAL COMFORT, RESISTANT TO COMPRESSION
- BROWN CAMOUFLAGE PRINTED ON BEIGE LINING TO MAKE THE DIVER EVEN MORE DISGUISED
- REINFORCED CHEST PAD IN MELCOTAPE
- HIGH-WAISTED PANTS



TECHNICAL FEATURES

Thickness	3.5 mm / 5.5 mm / 7.0 mm				
Fabric type	LINING EXTERIOR				
	NEOPRENE				
	OPEN CELL INTERIOR				
Sizes	2	3	4	5	6

RELATED PRODUCTS

			
BLADE RAZOR PRO	SAMURAI X	CAMO	CAMO
page 122	page 127	page 136	page 136



# INSTINCT

35
code Jacket: 422413
code Pants: 422414

- TWO-PIECE SPEARFISHING AND FREEDIVING SUIT
- NYLON OUTER COVERING AND OPEN-CELL LINING
- PREFORMED CUT AND REINFORCED STITCHING
- LOADING PAD



# RASH GUARD

CAMO GREEN
Top: 482111
Pants: 422441
CAMO BROWN
Top: 422418
Pants: 422419

- MADE IN VARIOUS IMAGE-SCRAMBLING CAMOUFLAGE COLORS
- PROTECTION AGAINST UV RAYS AND UNDESIRABLE ENVIRONMENTAL ELEMENTS
- BLENDS THE FISHERMAN'S PROFILE INTO THE SURROUNDING ENVIRONMENT
- CAN BE WORN STAND ALONE, OR OVER A WETSUIT



# BACKPACK

code Black: 425861
■ ANATOMICAL MODULAR BACKPACK
■ POCKETS WITH HOLES FOR STANDARD 500 gr OR 1 kg WEIGHTS, MAXIMUM 4kg
■ ELASTIC CORD FOR FASTENING TO THE BELT
■ QUICK RELEASE SYSTEM



# GLOVES FLEX GOLD

NEW

code 5 mm: 422762
code 3 mm: 422763
■ ULTRA STRETCH EXTERNAL FABRIC / SPECIAL GOLD TREATMENT ON OPEN CELL INSIDE
■ DOUBLE LINED NEOPRENE ON PALM
■ REINFORCED FABRIC ON PALM AND FINGERS



TECHNICAL FEATURES				
Thickness	3.0 mm / 5.0 mm			
Sizes	S	M	L	XL

# SOCKS FLEX GOLD

NEW

code 5 mm: 422661
code 3 mm: 422660
■ ULTRA STRETCH EXTERNAL FABRIC / SPECIAL GOLD TREATMENT ON OPEN CELL INSIDE
■ DOUBLE-LINED SOLE WITH EXTERNAL FABRIC REINFORCEMENT



TECHNICAL FEATURES				
Thickness	3.0 mm / 5.0 mm			
Sizes	S	M	L	XL

# SOCKS FLEX

code 5 mm: 422656
code 3 mm: 422657

- ULTRASTRETCH NEOPRENE
- EXTERNAL COATING / OPEN CELL INTERIOR
- REINFORCED DOUBLE-LINED SOLE



TECHNICAL FEATURES			
Thickness	2.0 mm / 3.0 mm / 5.0 mm		
Sizes	XS/S	M/L	XL/XXL

TECHNICAL FEATURES						
Thickness	3.5 mm					
Fabric type	LINING EXTERIOR					
	NEOPRENE					
	OPEN CELL INTERIOR					
Sizes	2	3	4	5	6	

## RELATED PRODUCTS

RAZOR PRO	VIPER	DUAL	AMARA 20	FLEX 20
page 147	page 128	page 131	page 136	page 135

TECHNICAL FEATURES						
Thickness	-					
Fabric type	POLYESTER					
Sizes	2	3	4	5	6	



GLOVES CAMO

code: 422757 CAMO GREEN

code: 482119 CAMO BLUE

code: 422751 CAMO

- NEOPRENE DOUBLE LINING
- REINFORCED PALM AND FINGERS



TECHNICAL FEATURES				
Thickness	3.0 mm			
Sizes	S	M	L	XL

GLOVES AMARA

code: 422756 CAMO GREEN

code: 482118 CAMO BLUE

code: 480016 CAMO BROWN

- NEOPRENE / PALM AND FINGERS IN ULTRA RESISTANT AMARA
- ADJUSTABLE VELCRO



TECHNICAL FEATURES				
Thickness	2.0 mm			
Sizes	S	M	L	XL

SOCKS CAMO

code: 422655 CAMO GREEN

code: 482120 CAMO BLUE

code: 422651 CAMO

- EXTERNAL COATING / OPEN CELL INTERIOR
- REINFORCED DOUBLE-LINED SOLE



TECHNICAL FEATURES				
Thickness	2.0 mm			
Sizes	S	M	L	XL

TECHNICAL SPECIFICATIONS



Suits	Instinct Camo Green 35	Instinct Camo Green 55	Instinct Camo Green 70	Instinct Camo Brown 35	Instinct Camo Brown 55	Instinct Camo Brown 70	Instinct
Jacket code	422444	422438	422446	422426	422420	422428	422413
Pants code	422445	422439		422427	422421	422448	422414
Thickness mm	3,5	5,5	7	3,5	5,5	7	3,5
Colors							
Sizes	2-3-4-5-6			2-3-4-5-6			2-3-4-5-6
MAXIMUM ELASTICITY	■			■			
LINING / OPEN CELL	■			■			■



Gloves	Flex Gold		Camo Green	Camo Blue	Camo	Amara Camo Green	Amara Camo Blue	Amara
Code	422763	422762	422757	482119	422751	422756	482118	480016
Thickness mm	3	5	3	3	3	2	2	2
Colors								
Sizes	S, M, L, XL		S, M, L, XL			S, M, L, XL		



Socks	Flex Gold		Flex		Camo Green	Camo Blue	Camo
Code	422660	422661	422657	422656	422655	482120	422651
Thickness mm	3	5	3	5	3	3	3
Colors							
Sizes	S, M, L, XL		XS/S, M/L, XL/XXL		S, M, L, XL		





pneumatic  
guns

CYRANO 1.1 HFT

NEW



120 cm WP - 110 cm WP - 100 cm WP - 90 cm WP

code: 423160

- HYDROFORMED BARREL ADDS BUOYANCY AND HYDRODYNAMICS
- 11 mm INTERNAL BARREL IS SHIFTED UPWARD OFF-AXIS FOR A BETTER LINE OF SIGHT
- LIGHTER SINGLE-PIECE HEAD WITH MINIMAL NOSE CONE, ONLY 31 gr TOTAL WEIGHT
- STAINLESS STEEL LINE RELEASE AND TRIGGER, BETTER FLUIDITY DURING THE SHOOT
- PISTON EVO INCREASES SPEED AND MAKES LOADING EASIER WITH BETTER LUBRICATION
- OVERSIZED AIR PASSAGES IN THE INNER BARREL
- PREFORMED ANATOMIC GRIP "KJ"
- SHAFT RACE: 7 mm SINGLE BARB TAHITIAN SHAFT
- CARRYING BAG INCLUDED

TECHNICAL FEATURES

Internal barrel	11 mm			
	90 WP	100 WP	110 WP	120 WP
Size				
Ømm	7	7	7	7
Shaft Race				
cm	97	105	122	132
Operating Pressure BAR	22	24	24	26
Connecting Piston	Ømm 1,5	■	■	■

WP: with power adjusting system.

DETAILS





CYRANO 1.1

NEW

70 cm WP - 55 cm WP
42 cm NP
code: 423161

- 40 mm OUTER BARREL
- LIGHTER SINGLE-PIECE HEAD WITH SMALLER CONE
- 11 mm INTERNAL BARREL IS SHIFTED UPWARD OFF-AXIS FOR A BETTER LINE OF SIGHT
- STAINLESS STEEL LINE RELEASE AND TRIGGER, BETTER FLUIDITY DURING THE SHOOT
- PISTON EVO, INCREASE IN SPEED, EASY LOADING, BETTER LUBRICATION
- OVERSIZED AIR PASSAGES IN THE INNER BARREL
- ERGONOMIC HANDLE WITH GRIP IN “CYRANO BLUE” COLOR
- 7 mm THREADED SHAFT ON GUN SIZES 42, 55 AND 70
- LIGHTWEIGHT CARRYING BAG INCLUDED



TECHNICAL FEATURES				
Internal barrel	11 mm			
Size	42 NP	55 WP	70 WP	
Threaded Shaft	Ømm	7	7	7
	cm	35,9	56,9	67,1
Operating Pressure BAR	13		16	20
Connecting Piston	Ømm 1,5	■	■	■

WP: with power adjusting system.

CYRANO 1.3

NEW

100 cm WP - 90 cm WP - 70 cm WP - 55 cm WP
42 cm NP
code: 423162

- 40 mm OUTER BARREL
- LIGHTER SINGLE-PIECE HEAD WITH SMALLER CONE
- 13 mm INTERNAL BARREL IS SHIFTED UPWARD OFF-AXIS FOR A BETTER LINE OF SIGHT
- STAINLESS STEEL LINE RELEASE AND TRIGGER, BETTER FLUIDITY DURING THE SHOOT
- PISTON EVO, INCREASE IN SPEED, EASY LOADING, BETTER LUBRICATION
- OVERSIZED AIR PASSAGES IN THE INNER BARREL
- ERGONOMIC HANDLE WITH GRIP IN “CYRANO BLUE” COLOR
- 8 mm THREADED SHAFT ON GUN SIZES 42, 55 AND 70
- SHAFT RACE: 8 mm SINGLE BARB TAHITIAN SHAFT ON GUN SIZES 90 AND 100
- LIGHTWEIGHT CARRYING BAG INCLUDED



TECHNICAL FEATURES						
Internal barrel	13 mm					
Size	42 NP	55 WP	70 WP	90 WP	100 WP	
Shaft Race	Ømm			8	8	
	cm			97	105	
Threaded Shaft	Ømm	8	8	8		
	cm	36,9	51,9	66,9		
Operating Pressure BAR	13		13	16	16	18
Connecting Piston	Ømm 1,5	■	■	■	■	■

WP: with power adjusting system.

STEN

100 cm WP - 84 cm WP - 70 cm WP - 58 cm WP
42 cm NP
code: 413110

- 40 mm OUTER BARREL
- TWO-PIECE HEAD
- REINFORCED NOSE CONE AND STEEL LINE GUIDE
- ERGONOMIC HANDLE WITH WHITE GRIP FOR INCREASED VISIBILITY
- 8 mm THREADED SHAFT

TECHNICAL FEATURES								
Internal barrel	13 mm							
Size	42NP	58NP	58WP	70NP	70WP	84WP	100WP	
Threaded Shaft	Ømm	8	8	8	8	8	8	
	cm	36,9	51,9	51,9	66,9	66,9	86,9	98,4
Operating Pressure BAR	13		13	13	16	16	16	18
Connecting Piston	Ømm 1,5	■	■	■	■	■	■	■

WP: with power adjusting system.



TECHNICAL SPECIFICATIONS



	Cyrano 1.1 HFT					Cyrano 1.1			Cyrano 1.3					Sten				
Code	423160					423161			423162					413110				
Sizes	90*	100*	110*	120*		42	55*	70*	42	55*	70*	90*	100*	42	58*	70*	84*	100*
Hydroformed barrel	■																	
Internal barrel off-axis	■					■			■									
Streamlined profile	■																	
Shaft Race	Ømm	7	7	7	7							8	8					
	cm	97	107	122	132							97	107					
Threaded shaft	Ømm					7	7	7	8	8	8			8	8	8	8	8
	cm					35,9	56,9	67,1	36,9	51,9	66,9			36,9	51,9	66,9	86,9	98,4
Operating pressure BAR		22	24	24	26	13	16	20	13	13	16	16	18	13	13	16	16	18
Internal barrel	11 mm	■					■											
	13 mm									■					■			
Compact head		■					■			■								
Connecting piston	Ømm 1,5	■					■			■					■			
	Ømm 3																	
Ergonomic handle		■					■			■					■			
Grip KJ		■																
Stainless steel side line releaser		■					■			■					■			
Stainless steel trigger		■					■			■								
Cone with steel line guide		■					■			■					■			
Dedicated case included		■					■			■								
Manual injector included		■					■			■					■			

\* With power adjusting system.  
Never exceed the maximum pressure of 30 BAR / 3000 kPa / 435 PSI.

NUMBER OF PUMPS* (APPROX.)					
Model	BARREL PRESSURE BAR / kPa / PSI				
	10 / 1000 / 145	15 / 1500 / 217,5	20 / 2000 / 290	25 / 2500 / 362,5	30 / 3000 / 435
Cyrano 1.1 HFT 90	260	420	600	800	1040
Cyrano 1.1 HFT 100	300	480	700	950	1200
Cyrano 1.1 HFT 110	380	600	900	1250	1520
Cyrano 1.1 HFT 120	420	660	1000	1400	1680
Cyrano 1.1 42 Cyrano 1.3 42	75	120	170	230	300
Cyrano 1.1 55 Cyrano 1.3 55	110	170	250	340	440
Cyrano 1.1 70 Cyrano 1.3 70	170	270	390	520	680
Cyrano 1.3 90	200	320	460	620	800
Cyrano 1.3 100	260	420	600	800	1040
Sten 42	60	130	170	210	240
Sten 58	100	160	230	310	400
Sten 70	140	220	320	430	560
Sten 84	200	320	460	620	800
Sten 100	260	420	600	800	1040

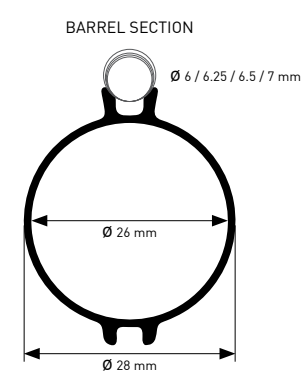
All Mares pneumatic spearguns are produced and delivered pressurized at manufacturer recommended specs.  
\* Number of pumps listed to pressurize pneumatic gun is based upon barrel chamber beginning at empty 0 BAR / PSI.





slings guns

# VIPER PRO DS



120 cm - 110 cm - 100 cm - 90 cm - 75 cm  
code: 423428

- RIGID ANODIZED ALUMINUM BARREL WITH UPPER SHAFT GUIDE AND LOWER LINE GUIDE
- OPEN MUZZLE CONFIGURATION, WITH OFF-AXIS HOLES
- HIGHLY SENSITIVE TRIGGER MECHANISM IN A REVERSED POSITION
- STAINLESS STEEL SIDE LINE RELEASE
- STAINLESS STEEL TRIGGER
- PREFORMED HANDLE WITH NEW HIGH-FUNCTIONALITY ANATOMIC GRIP
- VARIABLE DEFORMATION REINFORCED LOADING PAD
- 7 mm SINGLE BARB TAHITIAN HARDY SHAFT
- TWO 16 mm S-POWER SPEED CIRCULAR SLINGS WITH DYNEEMA® WISHBONE

TECHNICAL FEATURES						
Barrel		28 mm				
Size		75	90	100	110	120
Shaft Hardy	Ømm	7	7	7	7	7
	cm	115	130	140	150	160
Two S-Power Speed circular slings	Ømm	16	16	16	16	16
	cm	42	50	55	60	65



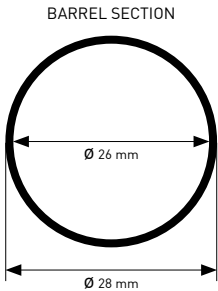


BANDIT

120 cm - 110 cm - 95 cm - 75 cm - 55 cm - 45 cm -35 cm  
code: 423420

- PERFECT ENTRY LEVEL SPEARGUN
- STURDY DESIGN
- ENCLOSED MUZZLE
- ERGONOMIC HANDLE
- CLEARLY MARKED SAFETY MECHANISM
- MUZZLE OPENING FOR OPTIONAL ADD ON BAND
- METAL SHARK CLIP ON HANDLE FOR EASY ATTACHMENT

TECHNICAL FEATURES							
Barrel	28 mm						
Size	35	45	55	75	95	110	120
Sharkfin shaft	Ømm		7	7	7	7	7
	cm		55	75	95	110	110
S-Power Speed circular sling	Ømm		16	16	16	16	16
	cm		42	50	55	65	75

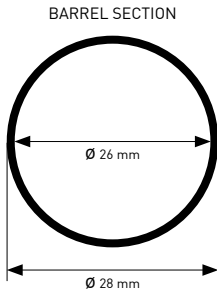


SNIPER

90 cm - 75 cm - 55 cm - 45 cm  
code: 423421

- BARREL IN ANODIZED ALUMINUM
- COMPACT MUZZLE WITH CIRCULAR SLING
- SHAFT RELEASE AND LINE RELEASE MADE OUT OF STAINLESS STEEL
- ERGONOMIC HANDLE MIMICS THE SHAPE USED ON VIPER PRO
- SET UP FOR A VERTICAL SPIRO REEL
- SHAFT GALVANIZED STEEL PR80, 6,5 mm SINGLE BARB TAHITIAN SHAFT
- 16 mm S-POWER CIRCULAR SLING
- RACE WISHBONE

TECHNICAL FEATURES				
Barrel	28 mm			
Size	45	55	75	90
Tahitian Shaft	Ømm	6,5	6,5	6,5
	cm	75	85	115
S-Power Circular Sling	Ømm	16	16	16
	cm	30	34	50





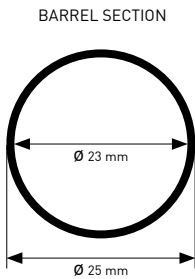
SNIPER ALPHA

75 cm - 55 cm - 45 cm - 35 cm  
code: 423422

- OUTER BARREL IN ANODIZED ALUMINUM
- COMPACT MUZZLE WITH CIRCULAR SLING
- SHAFT RELEASE AND LINE RELEASE MADE OUT OF STAINLESS STEEL
- ERGONOMIC HANDLE MIMICS THE SHAPE USED ON VIPER PRO
- SET UP FOR A VERTICAL SPIRO REEL
- SHAFT GALVANIZED STEEL PR80, 7 mm THREADED
- SINGLE -BARB BULLET SPEAR TIP
- 14 mm S-POWER CIRCULAR SLING
- RACE WISHBONE



TECHNICAL FEATURES				
Barrel	25 mm			
Size	35	45	55	75
Thread Shaft	Ømm	7	7	7
	cm	58	68	78
S-Power Circular Sling	Ømm	14	14	14
	cm	28	30	34



TECHNICAL SPECIFICATIONS



	Viper Pro DS					Bandit							Sniper				Sniper Alpha			
Code	423428					423420							423421				423422			
Sizes	75	90	100	110	120	35	45	55	75	95	110	120	45	55	75	90	35	45	55	75
Barrel	28					28							28				25			
Sharkfin shaft	Ømm					7	7	7	7	7	7	7								
	cm							55	75	95	110	110								
Shaft Hardy	Ømm	7	7	7	7	7														
	cm	115	130	140	150	160														
Tahitian shaft PR80	Ømm												6,5	6,5	6,5	6,5				
	cm												75	85	115	130				
Thread shaft PR80	Ømm																7	7	7	7
	cm																58	68	78	98
Shaft Speed	Ømm																			
	cm																			
S-Power circular sling	Ømm												16	16	16	16	14	14	14	14
	cm												30	34	50	60	28	30	34	50
S-Power pair of slings	Ømm																			
	cm																			
S-Power Speed circular sling	Ømm							16	16	16	16	16								
	cm							42	50	55	65	75								
Two S-Power Speed circular slings	Ømm	16	16	16	16	16														
	cm	42	50	55	60	65														
Reel	Vertical Spiro 87			■	■	■														
	Vertical Spiro 65	■	■																	

The measurements shown in the table refer to the standard sling gun equipment.





# accessories

## HANDLE GRIP “KJ”

code: 423973

- PREFORMED GRIP
- BETTER MANAGEABILITY AND EXCELLENT STABILITY
- DESIGN FACILITATES EASIER AIMING
- CAN BE USED ON THE CYRANO 1.1 HFT, CYRANO 1.1, CYRANO 1.3, VIPER PRO AND VIPER PRO DS



## HP GAUGE

code: 423947

- HP GAUGE FOR MARES PNEUMATIC GUNS
- WHEN YOU ATTACH THIS ACCESSORY ON THE INLET VALVE, THE GAUGE SHOWS THE PRESSURE OF THE GUN



## LOADER CLEVER

code: 423941

- MULTI-FUNCTIONAL LOADER FOR SHAFTS FITTED WITH SPEAR TIPS OR MULTIPRONGS
- LOADER ALSO FEATURES TABS FOR UNSCREWING A PNEUMATIC GUN VALVE COVER CAP



## LINE SLIDER RACE

code: 423937 for 8mm shaft

code: 423938 for 7mm shaft

- COMPACT HYDRODYNAMIC LINE SLIDER
- FOR PNEUMATIC GUNS WITH A 7 mm / 8 mm SHAFT
- PACK OF 5PCS



## POWER LOADER

code: 413807

- POWER LOADER FOR MARES PNEUMATIC GUNS
- DEDICATED TO SERVICE CENTERS



## INJECTOR

code: 423901

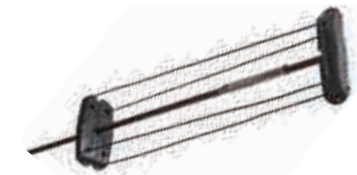
- MANUAL AIR INJECTOR FOR MARES PNEUMATIC GUNS



## LONG LOADER CLEVER

code: 423942

- LONG VERSION OF THE CLEVER LOADER
- IT ALLOWS THE USER TO LOAD PNEUMATIC GUNS SAFELY AND EASILY



## SLING PROTECTION

code: 423939

- INTENDED FOR USE ON SLING GUNS WHEN NOT IN USE
- HELPS SAFEGUARD AGAINST PREMATURE AGING OF THE SLINGS DUE TO EXPOSURE TO THE SUN





INOX MULTIPRONGS

code: 423719

- STAINLESS STEEL
- BLACK NYLON BASE
- THREAD M7



INOX MULTIPRONGS

code: 423720

- STAINLESS STEEL
- BLACK NYLON BASE
- THREAD M7



BULLET 1 BARB

code: 423726

- GALVANIZED STEEL PR80
- 10 PCS (RETAIL PRICE FOR 1 PIECE)
- THREAD M7



BULLET 2 BARB

code: 423727

- GALVANIZED STEEL PR80
- 10 PCS (RETAIL PRICE FOR 1 PIECE)
- THREAD M7



BULLET PRO

code: 423728

- TEMPERED STAINLESS STEEL
- 10 PCS (RETAIL PRICE FOR 1 PIECE)
- THREAD M7



BULLET MINI

code: 423729

- STAINLESS STEEL
- 10 PCS (RETAIL PRICE FOR 1 PIECE)
- THREAD M7



SHAFTS FOR PNEUMATIC GUNS

Shaft PNGun RACE TR 17-4PH d8 tah1barb

code: 423265

NEW



Diameter	Length	Models
Ø 8 mm	97 cm	Cyrano 1.3
	107 cm	Cyrano 1.3
	122 cm	Cyrano 1.3
	132 cm	Cyrano 1.3

Shaft PNGun RACE 17-4PH d7 tah1barb

code: 423257



Diameter	Length	Models
Ø 7 mm	97 cm	Cyrano 1.1 HFT - Cyrano 1.1
	107 cm	Cyrano 1.1 HFT - Cyrano 1.1
	122 cm	Cyrano 1.1 HFT - Cyrano 1.1
	132 cm	Cyrano 1.1 HFT - Cyrano 1.1

SHAFTS FOR PNEUMATIC GUNS

Shaft PNGun GS PR80 d8 thread

code: 423259



Diameter	Length	Type	Models
Ø 8 mm	36,9 mm	Thread M7	Sten - Jet - Cyrano 1.3
	51,9 mm		Sten - Jet - Cyrano 1.3
	66,9 mm		Sten - Jet - Cyrano 1.3
	86,9 mm		Sten
	98,4 mm		Sten

Shaft PNGun GS PR80 d7 thread

code: 423258



Diameter	Length	Type	Models
Ø 7 mm	35,9 cm	Thread M7	Cyrano 1.1
	56,9 cm		Cyrano 1.1 - Sten 11
	67,1 cm		Cyrano 1.1 - Sten 11
	86,5 cm		
	96,5 cm		
	106,5 cm		

Shaft PNGun SS d8 thread

code: 423260



Diameter	Length	Type	Models
Ø 8 mm	36,9 cm	Thread M7	
	51,9 cm		
	66,9 cm		
	86,9 cm		
	98,4 cm		

LEGEND	
SLGun	Sling Gun
PNGun	Pneumatic Gun
17-4PH	Steel 17-PH
GS PR80	Galvanized Steel PR80
SS	Stainles Steel
d	diameter
tah	tahitian
TR	tricuspid



SHAFTS FOR SLING GUNS

Shaft SLGun HARDY 17-4PH d6.5 tah1barb

code: 423254



Diameter	Length	Models
Ø 6,5 mm	115 cm	Viper Pro DS
	130 cm	Viper Pro DS
	140 cm	Viper Pro DS
	150 cm	Viper Pro DS
	160 cm	Viper Pro DS

Shaft SLGun HARDY TR 17-4PH d7 tah1barb

NEW

code: 423264



Diameter	Length	Models
Ø 7mm	115 cm	
	130 cm	
	140 cm	
	150 cm	
	160 cm	

Shaft SLGun GS.PR80 d7 thread

code: 423255



Diameter	Length	Models
Ø 7 mm	58 cm	Sniper Alpha
	68 cm	Sniper Alpha
	78 cm	Sniper Alpha
	98 cm	Sniper Alpha
	113 cm	

Shaft SLGun GS PR80 d6.5 tah1barb

code: 423256



Diameter	Length	Models
Ø 6,5 mm	75 cm	Sniper - Sniper PS
	85 cm	Sniper - Sniper PS
	115 cm	Sniper - Sniper Pro - Sniper PS
	130 cm	Sniper - Sniper Pro - Sniper PS
	140 cm	Sniper Pro
	150 cm	Sniper Pro

SHAFTS FOR SLING GUNS

Shaft SLGun SPEED 17-4PH d6.5 tah1barb

code: 423235



Diameter	Length	Models
Ø 6,5 mm	115 cm	Viper Pro
	130 cm	Viper Pro
	140 cm	Viper Pro
	150 cm	Viper Pro

Shaft SLGun SPEED 17-4PH d7 tah1barb

code: 423261



Diameter	Length	
Ø 7 mm	115 cm	
	130 cm	
	140 cm	
	150 cm	
	160 cm	

Shaft SLGun 17-4PH d6.5 thread

code: 423225



Diameter	Length	
Ø 6,5 mm	65 cm	
	75 cm	
	90 cm	

Shaft SLGun 17-4PH d6 tah1barb

code: 423262



Diameter	Length	
Ø 6 mm	85 cm	
	115 cm	
	130 cm	
	140 cm	
	150 cm	



# SHAFTS FOR SLING GUNS

## Shaft SLGun 17-4PH d6.25 tah1barb

code: 423263



Diameter	Length	
Ø 6,25 mm	85 cm	
	115 cm	
	130 cm	
	140 cm	
	150 cm	

## Shaft SLGun 17-4PH d6.5 tah1barb

code: 423226



Diameter	Length	
Ø 6,5 mm	85 cm	
	115 cm	
	130 cm	
	140 cm	
	150 cm	
	160 cm	

# TIP PROTECTION

code: 43200496

- ONLY FOR MARES SHAFTS



# LEGEND

SLGun	Sling Gun
PNGun	Pneumatic Gun
17-4PH	Steel 17-PH
GS PR80	Galvanized Steel PR80
SS	Stainles Steel
d	diameter
tah	tahitian
TR	tricuspid

# VERTICAL SPIRO 65

code: 423933

- 65 mm SP00L
- DESIGNED SPECIFICALLY FOR MARES SPEARGUNS
- THE PIN ON THE REEL HELPS THE LINE PASS SNUGLY ALONG THE OUTER BARREL
- MARES PATENTED CLUTCH



## TECHNICAL FEATURES

Cyrano 1.1 HFT- Cyrano 1.1 - Cyrano 1.3 - Viper - Viper Pro - Sniper - Sniper Pro - Sniper PS - Sniper Alpha				
423804 Camo line Ø 1,6mm - 80kg	423803 Black line Ø 1,65mm - 100kg	423922 Diamond line Ø 1mm - 130kg	423921 Diamond line Ø 1,5mm - 180kg	423920 Diamond line Ø 2mm - 300kg
30 m	30 m	55 m	35 m	20 m

# REEL

code: 423856

- 85 mm SP00L
- DEDICATED TO STEN - STEN 11 - JET



# VERTICAL SPIRO 87

code: 423934

- 87 mm SP00L
- DESIGNED SPECIFICALLY FOR MARES SPEARGUNS
- THE LINE GUIDE ON THE REEL HELPS THE LINE PASS SNUGLY ALONG THE OUTER BARREL
- MARES PATENTED CLUTCH



## TECHNICAL FEATURES

Cyrano 1.1 HFT- Cyrano 1.1 - Cyrano 1.3 - Viper - Viper Pro - Sniper - Sniper Pro - Sniper PS - Sniper Alpha				
423804 Camo line Ø 1,6mm - 80kg	423803 Black line Ø 1,65mm - 100kg	423922 Diamond line Ø 1mm - 130kg	423921 Diamond line Ø 1,5mm - 180kg	423920 Diamond line Ø 2mm - 300kg
60 m	60 m	85 m	65 m	40 m



S-POWER SLINGS **PAIR**

- MARES S-POWER LATEX
- CONICAL RING PREVENTS THE PARACHUTE EFFECT AND INCREASES THE SPEED



code: <b>423957</b>	
Diameter	Length
Ø 16 mm	16 cm
	19 cm
	22 cm
	24 cm
	26 cm

code: <b>423962</b>	
Diameter	Length
Ø 19 mm	19 cm
	22 cm
	24 cm
	26 cm
	28 cm

code: <b>423958</b>	
Diameter	Length
Ø 17,5 mm	16 cm
	19 cm
	22 cm
	24 cm
	26 cm
	28 cm

S-POWER SLINGS **CIRCULAR**

- MARES S-POWER LATEX
- CONICAL RING PREVENTS THE PARACHUTE EFFECT AND INCREASES THE SPEED

code: <b>423970</b>	
Diameter	Length
Ø 14 mm	28 cm
	30 cm
	34 cm
	50 cm

code: <b>423963</b>	
Diameter	Length
Ø 16 mm	30 cm
	34 cm
	42 cm
	44 cm
	50 cm
	55 cm
	60 cm

code: <b>423959</b>	
Diameter	Length
Ø 17,5 mm	34 cm
	42 cm
	48 cm
	55 cm
	60 cm
	65 cm

code: <b>423964</b>	
Diameter	Length
Ø 19 mm	48 cm
	60 cm
	65 cm
	70 cm

S-POWER SLINGS **SPEED CIRCULAR**

- MARES S-POWER LATEX
- INTERCHANGEABLE WISHBONE IN 2 mm DYNEEMA®
- DESIGNED FOR SHAFTS WITH SPECIALLY POLISHED NOTCHES, PINS OR SHARK FINS
- NO PARACHUTE EFFECT, INCREASES SPEED



code: <b>423966</b>	
Diameter	Length
Ø 16 mm	42 cm
	50 cm
	55 cm
	60 cm
	65 cm

code: <b>423960</b>	
Diameter	Length
Ø 17,5 mm	42 cm
	48 cm
	55 cm
	60 cm
	65 cm
	70 cm

code: <b>423965</b>	
Diameter	Length
Ø 19 mm	48 cm
	60 cm
	65 cm
	70 cm
	75 cm



ARTICULATED WISHBONE

code: 423914



RACE WISHBONE

code: 423967



SPEED

code: 423911

- CONNECTOR END MADE OF SPECIAL 2 mm DYNEEMA® LINE
- DESIGNED FOR SHAFTS WITH SPECIALLY POLISHED NOTCHES, PINS OR SHARK FINS
- NO PARACHUTE EFFECT, INCREASES SPEED



LARIO BIND WISHBONE

code: 423913



LOADER WISHBONE KIT

code: 423904



SPEED2

code: 423916

- CONNECTOR END MADE OF SPECIAL 2 mm DYNEEMA® LINE
- DESIGNED FOR SHAFTS WITH SPECIALLY POLISHED NOTCHES, PINS OR SHARK FINS
- NO PARACHUTE EFFECT, INCREASES SPEED



LARIO WISHBONE

code: 423912



WISHBONE TOOL

code: 423940



SPEED3

code: 423936

- CONNECTOR END MADE OF SPECIAL 2 mm DYNEEMA® LINE
- DESIGNED FOR SHAFTS WITH SPECIALLY POLISHED NOTCHES, PINS OR SHARK FINS
- NO PARACHUTE EFFECT, INCREASES SPEED





DIAMOND LINE

- SPECIAL HIGH RESISTANCE LINES
- MADE OF 100% DYNEEMA® WITH WOVEN HT POLYESTER COVERING

DIAMOND LINE 1 mm

code: 423922





TECHNICAL FEATURES	
Materials	100% Dyneema core HT Polyester covering  
Diameter	1 mm
Resistance	120 kg
Length of roll	100 meters

DIAMOND LINE 1,5 mm

code: 423921





TECHNICAL FEATURES	
Materials	100% Dyneema core HT Polyester covering  
Diameter	1,5 mm
Resistance	180 kg
Length of roll	100 meters

DIAMOND LINE 2 mm

code: 423920




TECHNICAL FEATURES	
Materials	100% Dyneema core HT Polyester covering  
Diameter	2 mm
Resistance	300 kg
Length of roll	50 meters

CAMO LINE

code: 423804




TECHNICAL FEATURES	
Materials	HT Polyester covering 
Diameter	1,65 mm
Resistance	100 kg
Length of roll	100 meters

BLACK LINE

code: 423803



TECHNICAL FEATURES	
Materials	HT Polyester covering 
Diameter	1,6 mm
Resistance	80 kg
Length of roll	50 meters

BLACK MONOLINE

code: 423931



TECHNICAL FEATURES	
Materials	Nylon
Diameter	1,5 mm
Resistance	80 kg
Length of roll	25 meters



ARGO

code: 425615

- COMPACT KNIFE WITH ERGONOMIC HANDLE
- 3 mm STAINLESS STEEL BLADE, LENGTH 72 mm
- MICRO SERRATION TO GUARANTEE EXCELLENT CUTTING POWER
- THE QUICK-RELEASE SYSTEM MEANS YOU CAN USE IT QUICKLY
- CAN BE STRAPPED ON THE ARM, CALF OR BELT
- TWO ADJUSTABLE ELASTIC VELCRO STRAPS



DAGGER

code: 425610

- KNIFE WITH ERGONOMIC HANDLE
- 4 mm 420A STAINLESS STEEL BLADE, PVD-TREATED
- LENGTH OF BLADE: 98 mm
- MICRO-SERRATION TO GUARANTEE EXCELLENT CUTTING POWER
- THE QUICK-RELEASE SYSTEM MEANS YOU CAN USE IT QUICKLY
- CAN BE STRAPPED ON THE ARM, CALF OR BELT
- TWO STRAPS AND QUICK RELEASE BUCKLES



IAGO

code: 425614

- KNIFE WITH ERGONOMIC HANDLE
- 4 mm 420A STAINLESS STEEL BLADE, PVD-TREATED
- LENGTH OF BLADE: 98 mm
- MICRO-SERRATION ALONG THE ENTIRE BLADE, EXCELLENT CUTTING POWER
- BLADE WITH HOLE FOR FREEING SHAFTS STUCK IN THE ROCKS
- THE QUICK-RELEASE SYSTEM MEANS YOU CAN USE IT QUICKLY
- CAN BE STRAPPED ON THE ARM, CALF OR BELT
- TWO STRAPS, QUICK-RELEASE BUCKLES



SNAKE

code: 425612

- STAINLESS STEEL BLADE
- LENGTH OF BLADE 135 mm
- ONE CUTTING EDGE AND ONE MICRO-SERRATED SHEARING EDGE
- SOFT, ANTI-SLIP HANDLE
- SEMI-RIGID SCABBARD THAT CAN BE FASTENED ON THE LEG OR BELT
- TWO STRAPS, QUICK-RELEASE BUCKLES



ARGO TITANIUM

code: 425616

- COMPACT KNIFE WITH ERGONOMIC HANDLE
- 3 mm TITANIUM BLADE, LENGTH 72 mm
- MICRO-SERRATION TO GUARANTEE EXCELLENT CUTTING POWER
- THE QUICK-RELEASE SYSTEM MEANS YOU CAN USE IT QUICKLY
- CAN BE STRAPPED ON THE ARM, CALF OR BELT
- TWO ADJUSTABLE ELASTIC VELCRO STRAPS



STILETTO

code: 425611

- COMPACT KNIFE WITH ERGONOMIC HANDLE
- 4 mm 420A STAINLESS STEEL BLADE, PVD-TREATED
- LENGTH OF BLADE: 65 mm
- MICRO-SERRATION TO GUARANTEE EXCELLENT CUTTING POWER
- THE QUICK-RELEASE SYSTEM MEANS YOU CAN USE IT QUICKLY
- CAN BE STRAPPED ON THE ARM, CALF OR BELT
- TWO STRAPS WITH QUICK RELEASE BUCKLES



HERO

code: 425613

- ULTRA-COMPACT KNIFE, TOTAL LENGTH 135 mm
- 4 mm 420A STAINLESS STEEL BLADE, PVD-TREATED
- LENGTH OF BLADE: 60 mm
- ONE CUTTING EDGE AND ONE MICRO-SERRATED SHEARING EDGE
- ERGONOMIC HANDLE WITH HOLE FOR FREEING SHAFTS STUCK IN THE ROCKS
- STURDY CORDURA SHEATH
- CAN BE STRAPPED ON THE ARM, CALF OR BELT
- TWO ADJUSTABLE ELASTIC VELCRO STRAPS



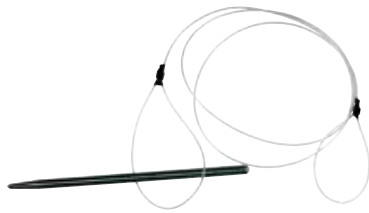
ELASTIC BELT

code: 425820



FISH STRINGER

code: 423823



BUNGEE WITH BIG CARABINER

code: 423935

- L



CAMERA BRACKET

code: 423948

- ATTACHMENT POINT FOR VIDEO & CAMERA GEAR
- MOUNTS TO MARES GUNS THAT HAVE VERTICAL SPIRO REELS



CONNECTING KNOB

code: 423949

- THREAD UNC 1/4"



MARSEILLES BELT

code: 425821



FISH STRINGER KIT

code: 423929



BUNGEE

code: 423923

- M-L



CAMERA BRACKET FOR PNEUMATIC GUNS

code: 423971

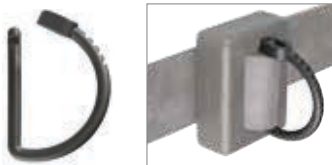
- FOR Ø 40 mm O.D. BARRELS



FAST D-RING

code: 425811

- 4 pcs





ATTACK 100

NEW

code: 425560

- HEAT SEALED BAG WITH NO STITCHING
- ADJUSTABLE HANDLES
- ACCOMODATES LONG FREE DIVING FINS



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
100×40×30 cm	1,6 Kg	120 L

ATTACK TARGET

NEW

code: 425561

- SPEARGUN CARRYING BAG
- EXTENDED OPENING ALLOWS FOR EASIER ACCESS TO THE SPEARGUN
- HANDLE AND SHOULDER STRAP FOR TRANSPORT
- TWO SIZES AVAILABLE: M-L



TECHNICAL FEATURES		
Size M - Dimension (LxWxH)	Unit Net Weight	Volume
135×4x18 cm	0,6 Kg	10 L
Size L - Dimension (LxWxH)	Unit Net Weight	Volume
155×4x18 cm	0,7 Kg	12 L

ATTACK TITAN

code: 425550

- SPACIOUS 840 DENIER TARPULIN BAG THAT CAN CARRY 100 kg
- HEAT SEALED BAG WITH NO STITCHING
- ADJUSTABLE HANDLES ARE ATTACHED BY SNAP HOOKS TO WELDED BASE PLATES
- SIDE DRAIN VALVE



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
90×46×35 cm	1,95 Kg	144 L

ATTACK GUN

code: 425553

- SPEARGUN CARRYING BAG
- 840 DENIER TARPULIN AND PADDED BOTTOM WITH DRAIN VALVE
- LONG OPENING TO MAKE IT EASIER TO ACCESS THE SPEARGUNS
- HANDLE AND TWO STRAPS FOR TRANSPORT



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
175×20×20 cm	1,1 Kg	70 L

ATTACK BACKPACK

code: 425558

- SPACIOUS WATERPROOF BACKPACK MADE FROM 500 DENIER TARPULIN
- ADJUSTABLE ERGONOMIC SHOULDER STRAPS
- EXTERNAL DOCUMENT POUCH
- TWO SIDE POCKETS LET YOU CARRY LONG FINS OR MID-SIZED SPEARGUNS



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
32×32×95 cm	1,65 Kg	75 L

ATTACK FINS

code: 425551

- DEDICATED TO FINS WITH LONG BLADES
- EXTERNAL DOCUMENT POUCH
- CAN CARRY YOUR GEAR FOR SNORKELING OR TRAINING IN THE POOL



TECHNICAL FEATURES		
Dimension (LxWxH)	Unit Net Weight	Volume
95×25 cm	0,7 Kg	47,5 L

TECH TORPEDO

code: 423928

- BUOY WITH RUGGED OUTER COVER
- QUICK CONNECTORS OR D-RINGS AND HIGH VISIBILITY FLAG
- DRAG POINT OPTIMIZED TO INCREASE GLIDE OVER THE WATER
- FLAG: 31.5 X 31.5 cm



TECH SPHERE

code: 423932

- BUOY WITH RUGGED OUTER COVER
- QUICK CONNECTORS OR D-RINGS AND HIGH VISIBILITY FLAG
- DRAG POINT OPTIMIZED TO INCREASE GLIDE OVER THE WATER
- FLAG: 31.5 X 31.5 cm





**mares**  
diving center



#### COLOR & SIZE IDENTIFICATION

Mares found a solution to help you in your daily business, by introducing a new quick and easy Color & Size identification system for all products. This system will allow you and your staff to immediately identify the different sizes in your Diving Center and rental equipment just by looking at the color codes.



Color & Size

# diving center







# regulators

## ROVER 15X

code: 416236 INT / DIN 300

- 1<sup>ST</sup> STAGE
  - DFC PORT
  - PRE-ORIENTED PORTS
  - INT – DIN CONNECTION
  - ACT VALVE
  - COMPACT SIZE
- 2<sup>ND</sup> STAGE
  - VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
  - MID-SIZE SECOND STAGE
  - MESH GRID
  - RUBBER HOSE
  - OVERSIZED PURGE BUTTON



### TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	772	598
Second Stage	200	
Total Weight (including hose)	1117	943

## ROVER 2S

code: 416220 INT / DIN 300

- 1<sup>ST</sup> STAGE
  - LIGHTWEIGHT, STURDY AND COMPACT
  - INT – DIN CONNECTION
  - PISTON CONTROL
  - DEDICATED PLACE FOR RFID CHIP
- 2<sup>ND</sup> STAGE
  - VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
  - MID-SIZE
  - MESH GRID
  - RUBBER HOSE
  - OVERSIZED PURGE BUTTON



### TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar
First Stage	608	432
Second Stage	200	
Total Weight (including hose)	987	808

## OCTOPUS ROVER

code: 416505 NR

code: 416580 NR - DC Pack (MOQ 6pcs)

- VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR
- MID SIZE SECOND STAGE
- MESH GRID
- RUBBER HOSE
- OVERSIZED PURGE BUTTON



### TECHNICAL FEATURES

Second Stage Weight (g)	200
Total Weight (including hose)	385





bcd's

## ROVER PRO DC

code: 417350

- UV PROTECTED 1000 DENIER CORDURA®
- MRS PLUS MODULAR INTEGRATED WEIGHT SYSTEM (OPTIONAL)
- HEIGHT ADJUSTABLE SHOULDER BUCKLE
- SPECIALLY DESIGNED OCTOPUS AND PRESSURE GAUGE POCKETS
- BACK PACK WITH HANDLE TO CARRY EASILY
- ADJUSTABLE CUMMERBUND
- HIGH BUOYANCY LIFT
- COLOR & SIZE IDENTIFICATION



Color & Size



TECHNICAL FEATURES						
Sizes	XXS	XS	S	M	L	XL
Weight	3,8 kg / 8,4 lb	3,9 kg / 8,6 lb	4 kg / 8,8 lb	4,1 kg / 9 lb	4,2 kg / 9,2 lb	4,3 kg / 9,5 lb
Buoyancy	140 N (14,2 kg / 31,3 lb)	140 N (14,2 kg / 31,3 lb)	150 N (15,3 kg / 33,7 lb)	160 N (15,3 kg / 35,9 lb)	200 N (16,3 kg / 33,7 lb)	235 N (20,5 kg / 45,1 lb)

### DETAILS



New Flat Ergo Inflator



MRS Plus (optional)





DIVING CENTER WETSUIT LINE

- PERFECT FIT AND FREEDOM OF MOVEMENT
- EXTRA LONG FRONT ZIPPER FOR EASIER DONNING AND DOFFING
- SUPER STRETCH NEOPRENE FOR THE ARMS
- POLYURETHANE PROTECTION ON THE AREAS SUBJECT TO THE GREATEST WEAR
- ZIPS AT THE ANKLES
- HOOD WITH TWO HOLES VENTING TRAPPED AIR
- BROAD FACE OPENING FOR GREATER COMFORT
- MANUFACTURED ENTIRELY IN ULTRA-STRETCH MATERIAL
- AVAILABLE ALSO IN CHILDREN'S SIZES, FROM -3 TO 0
- VERY LARGE SIZES, +8 AND +9
- COLOR & SIZE IDENTIFICATION SYSTEM



Color & Size identification system



Extra long front zipper



PU protection

SIZE TABLE

ROVER WETSUIT SIZING CHART								
WETSUIT SIZE	INCHES				CENTIMETERS			
	CHEST	WAIST	HIPS	HEIGHT	CHEST	WAIST	HIPS	HEIGHT
-3	25.1	23.8	27.6		63.8	60.4	70.2	
-2	27.2	25.5	31.0		69.1	64.7	78.7	
-1	29.7	27.2	32.7		75.5	69.0	83.0	
0	31.8	28.8	36.0		80.8	73.1	91.4	
1	33.2	27.4	31.2	66.9	84.4	69.5	79.2	170.0
2	34.9	29.1	32.8	68.1	88.6	73.8	83.4	173.0
3	36.6	30.7	34.5	69.3	92.9	78.0	87.7	176.0
4	38.2	32.4	36.2	70.5	97.1	82.3	91.9	179.0
5	39.9	34.1	37.9	71.7	101.4	86.5	96.2	182.0
6	41.6	35.7	39.5	72.8	105.6	90.8	100.4	185.0
7	43.3	37.4	41.2	74.0	109.9	95.0	104.7	188.0
8	44.9	39.1	42.9	75.2	114.1	99.3	108.9	191.0
9	46.6	40.7	44.6	76.4	118.4	103.5	113.2	194.0
*NOTE: ALL DIMENSIONS HAVE A MARGIN OF +/-1.2" or +/-3cm* SIZING CHART FOR REFERENCE ONLY, BE SURE TO TRY ON SUIT FOR CORRECT FIT								



ROVER **OVERALL WITH HOOD**

code: 412363 - Wetsuit Rover 7 Overall with Hood  
code: 412354 - Wetsuit Rover 5 Overall with Hood



Color & Size



ROVER **OVERALL HOODLESS**

code: 412355 - Wetsuit Rover 5 Overall Hoodless  
code: 412362 - Wetsuit Rover 3 Overall Hoodless



Color & Size



ROVER **5 TWIN**

code: 412356 - Rover Twin 5 + 5 two pieces



Color & Size



ROVER **SHORTY 3.2 FRONT ZIP**

code: 412588 - Rover Shorty



Color & Size



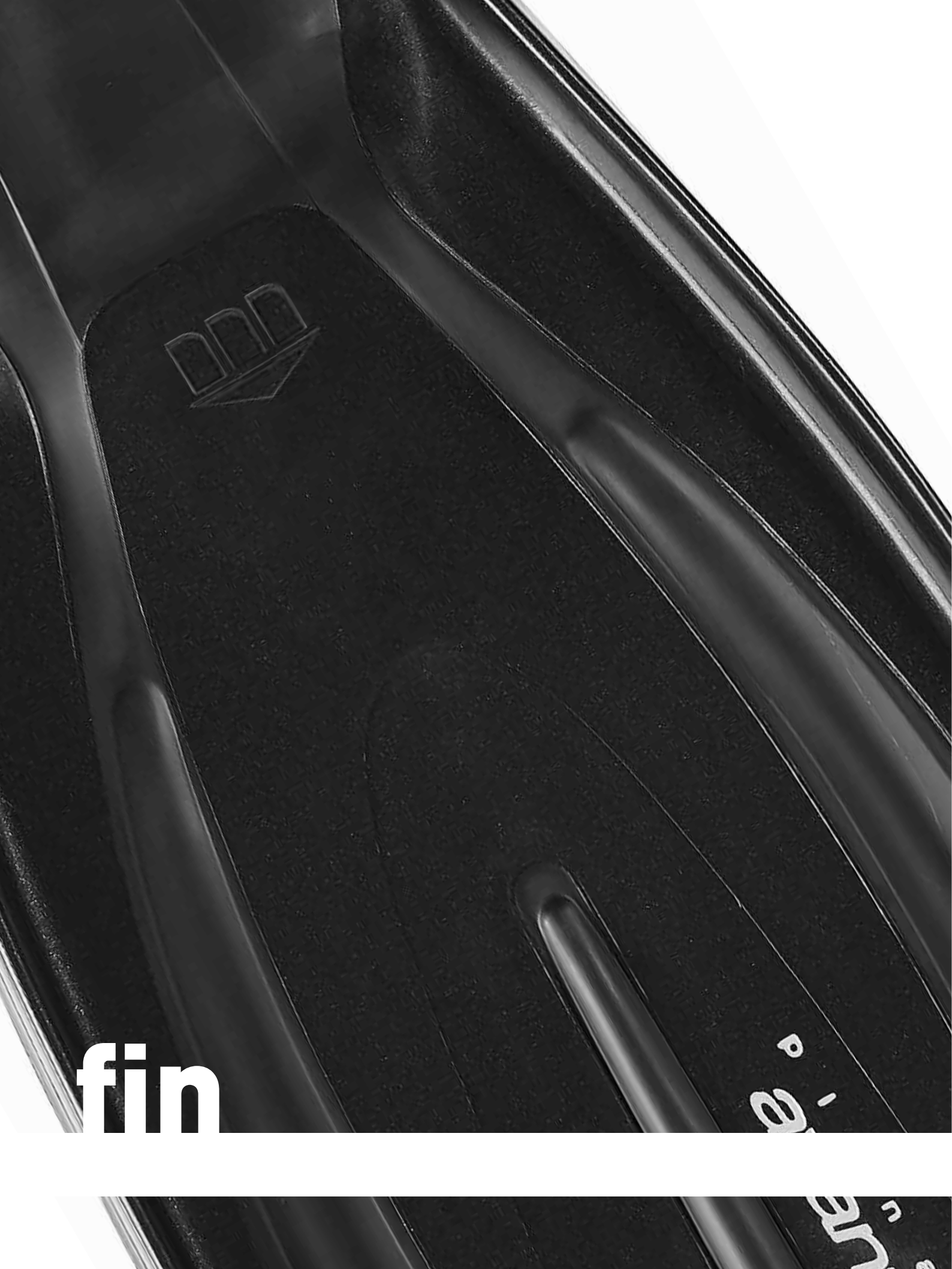
FABRIC												
Rover 7		Ultrastretch Neoprene								7 mm		
Rover 5.3		Ultrastretch Neoprene								5 mm		
SIZES												
-3	-2	-1	0	1	2	3	4	5	6	7	8	9

FABRIC												
Rover 5.3		Ultrastretch Neoprene								5 mm		
Rover 3		Ultrastretch Neoprene								3 mm		
SIZES												
-3	-2	-1	0	1	2	3	4	5	6	7	8	9

FABRIC												
Rover Twin 5 + 5				Ultrastretch Neoprene						5 mm		
SIZES												
-3	-2	-1	0	1	2	3	4	5	6	7	8	9

FABRIC												
Rover Shorty		Ultrastretch Neoprene								3 mm		
SIZES												
-3	-2	-1	0	1	2	3	4	5	6	7	8	9





PLANA AVANTI X3

code: 410001

- ABS PLUS BUCKLE FOR ONE HAND ADJUSTMENT
- 3 CHANNELS FOR MAXIMUM THRUST
- STABILIZING TRIM TABS
- MID-SIZE BLADE WITH DURABLE CONSTRUCTION



Color & Size



COLOUR VARIATIONS



YL

BL

BK

TECHNICAL FEATURES

Sizes	XS	S	R	XL
Blade*	33 cm 13.0 in	35 cm 13.7 in	37 cm 14.5 in	37 cm 14.5 in

\* From end of footpocket to end of blade





# tech features

## REGULATORS

**DFC - DYNAMIC FLOW CONTROL:**  
Minimizes intermediate pressure drop during inhalation thus maximizing gas delivery, especially under extreme conditions.

**A.C.T. VALVE - ADVANCED COATING TECHNOLOGY:**  
The new valve in the "X" systems increases durability by an astounding 600%, even under the most extreme conditions.

**VAD - VORTEX ASSISTED DESIGN:**  
The air bypass tube delivers air to the mouthpiece creating a swirling vortex with a low pressure area in the center that keeps the diaphragm down during inhalation, for very sensitive and easy breathing at all depths.

**MESH GRID:**  
Patented design which reduces the impact of water flow onto the second stage diaphragm, thus eliminating free flows even in strong currents.

**METAL TECHNOLOGY:**  
Outstanding mechanical reliability and high thermal conductivity make our metal 2nd stages extremely long lasting and ideal for cold water dives. The high thermal conductivity of metal reduces also the dry mouth feeling during the dive.

**SUPERFLEX LP HOSE:**  
Extreme light weight and exceptional softness guarantee the maximum freedom of movement.

**TWIN POWER SYSTEM:**  
New, flow control manages the delivery rate of your gas, from natural breathing to power breathing. The former is the traditional way of breathing a Mares regulator, (VAD) while the latter (VAD+) provides an extra push when you need it.

**FLUID DYNAMIC DEFLECTOR:**  
Receives and properly directs the airflow from the bypass tube to the mouthpiece.

**NCC - NATURAL CONVECTION CHANNEL:**  
Increases cold water performance by creating a flow of water across the regulator. The flow is driven by the change of density in water with temperature.

**BI-SILICONE TECHNOLOGY:**  
Two types of silicone made in different strengths for greater comfort, even after many uses.

## INSTRUMENTS

**LCD COLOR DISPLAY:**  
State-of-the-art smartphone technology applied to dive computers. The only one in the world. (320 x 240 pixels / 262.144 colors)

**FULL DOT MATRIX:**  
The next generation of dive computer displays: exceptional resolution allowing for total flexibility. The best user interface, the best dive display, no compromises.

**SEGMENT / MATRIX AREA DISPLAY:**  
The perfect compromise between sharpness (segments) and flexibility (dot matrix) at a reasonable price.

**SEGMENT DISPLAY:**  
Needle-sharp information combined and intelligent placement of information for easiest readability.

**GAS INTEGRATED:**  
Provides all relevant gas related information such as tank pressure, time to reserve, and gas consumption resulting in a significant increase in safety.

**GAS SWITCHING:**  
Setting the computer to include one or more oxygen enriched - gases (up to 99%) in addition to your main gas; allow you to benefit from shorter decompression times by switching gases during the dive.

**MINERAL GLASS DISPLAY:**  
[Tempered] Superior scratch resistance and

improved readability in all diving conditions and viewing angles.

## BCD'S

**FUSION BLADDER:**  
Combines features of backmounted and classic bladder. High lift capacity, unrestricted movement and a comfortable position on the surface characterize this type of bladder.

**BACKMOUNTED:**  
Air-cell separated from the harness, resulting in unrestricted freedom of movement.

**ERGO INFLATOR:**  
The standard inflation and deflation control device used in sanctioned training programs. Intuitive use and secure grip.

**AIRTRIM:**  
Patented technology for easiest and precise buoyancy control in all positions and conditions. The control device is always at hand and placed in the most ergonomic position.

**FOLDABLE BACKPACK:**  
Ideal for travelling thanks to its reduced dimensions when packed and its marked weight reduction compared to a traditional backpack. Integrated rubber pads provide secure grip of the tank and carrying comfort.

**SUSPENSION SYSTEM:**  
Inspired by the design of modern hiking backpacks, the system avoids direct contact between body and tank support.

## SUITS

**BACK PROTECTION SYSTEM:**  
Ergonomically shaped neoprene cushion between back and tank support for improved wearing comfort and extra warmth in a zone which is usually cold sensitive.

**MASTERSEAL ZIP:**  
Extremely sturdy and durable. The soft and flexible new Masterseal zip ensures maximum freedom of movement and optimum thermal protection.

**DOUBLE CONE:**  
The Double Cone System minimize the water flow in the most critical sealing areas like wrist and ankles.

**THERMO PLUSH:**  
Extremely soft internal layer in the chest area to keep the upper part of the body warm. Thermo plush is durable and dries fast.

**CMS - COMPOSITE MATERIAL SYSTEM:**  
One PVC sheet is combined with fine Aluminium, another is hot melt type of PVC. The end result is a three-layer suit with excellent durability and thermal protection characteristics.

**HD NEOPRENE:**  
Use of the micro bubble increases the density and prevents pinholes from penetrating through the materials. It reduces the thickness of the materials from traditional 7mm to 4mm and achieves light and compact fitting.

**VULCANIZED BOOTS:**  
Durable, reinforced, vulcanized rubber lined with neoprene for added comfort, featuring a 4mm anti-slip sole. The rear heel notches keep your fin strap from slipping.

## FINS

**RIDDED FOOT POCKET:**  
The perforations prevent stagnating water flow from slowing you down. Eliminating this "parachute effect" you'll slide faster through the water. Furthermore the openings eliminate any suction effect, making doffing easier.

**OPB - Optimized Pivoting Blade:**  
Allows the blade to maintain an optimal angle throughout the kicking cycle, whereas traditional fins achieve this only during a small portion of the cycle. OPB produces a constant thrust, which minimizes fatigue and produces fluid movement through the water.

**CHANNEL THRUST:**  
Soft longitudinal inserts allow a controlled deformation of the fin blade while kicking. This channel shape moves a greater amount of water resulting in more thrust for the same effort.

**TRI-MATERIAL CONSTRUCTION:**  
3 specific materials for maximum elasticity, high durability and resistance to aging. The result is superior performance in all diving conditions.

## MASKS & SNORKELS

**LIQUIDSKIN:**  
Patented Technology. The exclusive Bi-Silicone technology uses two different types of silicone: a firmer portion for support structure and a softer portion for contact with your face. It is 45% softer for unparalleled comfort and 270% more elastic for a perfect fit.

**SUNRISE:**  
The Sunrise masks are dedicated to the Asian market and wider faces because of the special geometry of the skirt.

**TRI-COMFORT:**  
Small horizontal ribs between the frame and the skirt in the area around the nose. These ribs absorb and redistribute the pressure exerted by the frame onto the skirt, with a resulting increase in comfort.

**OPTICAL LENSES:**  
Mares offers corrective lenses for most models. In addition to the negative diopters (-1 to -7), for some models also positive diopters are available (+1.5 to +3). Mares design makes it quick and easy to install lenses.

## ACCESSORIES

### LIGHTS

**CONSISTENT LIGHT INTENSITY:**  
An electronic voltage supply control of the LED ensures a consistent light for the entire rated burn time.

**MAGNETIC SWITCH:**  
The external magnetic switch protects the light from flooding. High reliability ensured by the complete absence of o-ring.

**ADJUSTABLE FOCUS:**  
The focus can be adjusted during the dive by a simple rotation. It allows for a change in the light beam between 12° and 75°.

**IN-HOUSE RECHARGEABLE BATTERY:**  
Rechargeable batteries are standard. The system allows recharging without removing the batteries from the flashlight.

### BAGS

**A.T.O. - AIR TRAVEL OPTIMIZED:**  
The choice of extremely lightweight and resilient materials, in addition to the overall attention to details, make these products ideal for the travelling diver.

**HEAVY DUTY WHEELS:**  
All Mares bags include rugged and durable construction wheels, secured with stainless steel screws.

**BACKPACK SYSTEM:**  
Ergonomically designed shoulder straps are included and stored in an appropriate pocket.

**FOLDABLE SYSTEM:**  
The product can be folded into itself in less than one minute to store it in small space.





Product specifications and characteristics listed in this catalogue may be subject to changes by Mares without notice.  
The trademark **mares**® is a registered trademark.

**ISO 9001-2008 certified**

**mares**



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