

DIVING CENTER



■ PISTON CONTROL

■ OVERSIZED PURGE BUTTON

ROVER 2S code: 416220 INT / DIN 300





■ LIGHTWEIGHT, STURDY AND COMPACT

■ INT - DIN CONNECTION

■ DEDICATED PLACE FOR RFID CHIP

■ VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR

■ MID-SIZE

■ MESH GRID

■ RUBBER HOSE







REGULATORS

Mares regulators have been tested and certified in compliance with EC directive 89/686/EEC and/or European Regulation 2016/425 according to the EN 250: 2014 standard.

All Mares Nitrox regulators are tested in accordance with European standard EN13949.

All Mares Nitrox regulators are compatible with oxygen mixes up to 100% 02 and are equipped with a dedicated connection in conformity with European standard EN144-3.

TECHNICAL FEATURES

ROVER 15X

code: 416236 INT / DIN 300

■ PRE-ORIENTED PORTS

■ INT - DIN CONNECTION

■ MID-SIZE SECOND STAGE

■ OVERSIZED PURGE BUTTON

■ VAD SYSTEM WITH FLUID DYNAMIC DEFLECTOR

■ COMPACT SIZE

■ MESH GRID

■ RUBBER HOSE

1ST STAGE ■ DFC PORT

Weight (g)	INT	DIN 300 bar			
First Stage	772				
Second Stage	2	200			
Total Weight (including hose)	1117	943			

TECHNICAL FEATURES

Weight (g)	INT	DIN 300 bar			
First Stage	Stage 608				
Second Stage	21	00			
Total Weight (including hose)	987 808				

OCTOPUS ROVER

code: 416505 NR / NX

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

AST DRY SYSTEM

code: 416811 INT

code: 416812 DIN

- AUTO-SEALING TECHNOLOGY
- KEEPS THE FIRST STAGE DRY
- ACTIVATED BY GAS
- CAN BE USED WITH A HIGHER PERCENTAGE OF OXYGEN
- CAN BE USED IN COLD WATER
- EASY TO INSTALL ON 15X AND R2 FIRST STAGES





290

1ST STAGE **15X***

code: 416237 INT /DIN 300

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

1ST STAGE **25***

code: 416232 INT /DIN 300

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





TECHNICAL FEATURES

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

TECHNICAL FEATURES

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

REGULAR MOUTHPIECE KIT

code: **415335**

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

SMALL MOUTHPIECE KIT

code: 415111

- SMALL SIZE MARES MOUTHPIECE
- STRAP INCLUDED
- FITS ON ALL MARES REGULATORS





^{*} 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.



ROVER PRO DC

■ UV PROTECTED 1000 DENIER CORDURA®

- STANDARD BUCKLE WEIGHT SYSTEM (OPTIONAL)
- HEIGHT ADJUSTABLE SHOULDER BUCKLES
- SPECIALLY DESIGNED OCTOPUS AND PRESSURE GAUGE POCKETS
- BACKPACK WITH HANDLE TO CARRY EASILY
- ADJUSTABLE CUMMERBUND
- HIGH BUOYANCY LIFT
- COLOR & SIZE IDENTIFICATION





ROVER DC

- UV PROTECTED 1000 DENIER CORDURA®
- 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











DETAILS







Standard buckle weight system (optional)

DETAILS



Backpack



TECHNICAL FEATURES

	, •						
Sizes	xxs	XS	s	М	L	XL	2XL
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	4,4 kg/9,7 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)	230 N (23,5 kg / 51,7 lb)	240 N (24,5 kg / 54 lb)

TECHNICAL FEATURES

Sizes	xxs	XS	s	М	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)	230 N (23,5 kg / 51,7 lb)

BCD'S

RASH GUARD

- PERFECT AS AN UNDERSUIT AND SKIN PROTECTION
- IDEAL FOR ALL WATERSPORTS ACTIVITIES
- MALE AND FEMALE VERSIONS
- FLATLOCK STITCHED SEAMS

code: 412547 - Shorts

- EXTENDED LENGTH





code: 412417 - Rash Guard Short Sleeve

code: 412548 - Shorts

SHE DIVES





SUITS

TECHNICAL FEATURES

abric	Polyester/Spandex XS S M L XL 2XL 3XL									
an Sizes	XS	S	М	L	XL	2XL	3XL			

TECHNICAL FEATURES

		Fabric			Poly	ester/Spa	ndex		
2XL	3XL	She Dives Sizes	XXS	XS	S	М	L	XL	2XL

DIVING CENTER WETSUIT LINE

- PERFECT FIT AND FREEDOM OF MOVEMENT
- EXTRA LONG FRONT ZIPPER FOR EASIER DONNING AND DOFFING
- SUPERSTRETCH NEOPRENE FOR THE ARMS
- POLYURETHANE PROTECTION ON THE AREAS SUBJECT TO THE GREATEST WEAR
- ZIPS AT THE ANKLES
- HOOD WITH TWO HOLES FOR VENTING TRAPPED AIR

- MANUFACTURED ENTIRELY IN ULTRASTRETCH MATERIAL
- ALSO AVAILABLE IN CHILDREN'S SIZES, FROM -3 TO 0

■ WIDE FACE OPENING FOR GREATER COMFORT

code: 412380 - 3 mm



■ COLOR & SIZE IDENTIFICATION SYSTEM

ROVER OVERALL WITH HOOD

code: 412381 - 7 mm code: 412377 - 5 mm

code: 412378 - 5 mm She Dives





296

TECHNICAL FEATURES

Thickness		7.0 mm / 5.0 mm											
Fabric type		Ultrastretch Neoprene											
Man Sizes	-3	-3 -2 -1 0 1 2 3 4 5 6 7 8										8	9
She Dives Sizes						2	3	4					

ROVER OVERALL HOODLESS NEW

code: 412379 - 5 mm

ROVER SHORTY

NEW











TECHNICAL FEATURES

Thickness		5.0 mm / 3.0 mm											
Fabric type		Ultrastretch Neoprene											
Sizes	-3	-2	-1	0	1	2	3	4	5	6	7	8	9

Thickness	3.0 mm												
Fabric type	Ultrastretch Neoprene												
Sizes	-3	-2	-1	0	1	2	3	4	5	6	7	8	9

ROVER HOOD

code: 412813



TECHNICAL FEATURES

TECHNICAL FEATURES							
Thickness	5.0 mm						
Fabric type	l	Jltrastretch Neopren	е				
Sizes	S	М	L				

SIZE TABLE

COLOR & SIZE	EU SIZE
COLOR & SIZE	EO 312E
- 3	Kids 8-10 years
- 2	Kids 10 years
- 1	Kids 12 years
0	Kids 14 years
1	XS
2	S
3	М
4	L
5	XL
6	XXL
7	3XL
8	4XL
9	5XL





OURE H





- A 2-MATERIAL, OPEN HEEL FIN
- CAN BE USED BAREFOOT OR WITH MARES PURE BOOTIES
- SOFT AND COMFORTABLE FOOT POCKET
- ERGONOMIC HEEL PAD (PATENT PENDING) MINIMIZES PRESSURE ON THE
- SPECIAL BUNGEE STRAP FOR MAXIMUM COMFORT DURING USE, WHEN
- BUNGEE GUIDES SO THE STRAP IS ALWAYS PLACED IN THE RIGHT POSITION



COLOR VARIATIONS



TECHNICAL FEATURES

iizes	SM	ML	LXL
it	35/38	39/43	44/47
Blade*	30 cm / 11.8 in	32 cm / 12.6 in	34 cm / 13.4 in

* From end of footpocket to end of blade

FIN, MASK & **SNORKELS**

mar 15 Av.



NEW

code: 410346





- SOFT ERGONOMIC FOOT POCKET WITH LATERAL INSERTS
- HYPERCHANNEL-INDUCED THRUST EFFECT WITH AN INCREASED PERFORMANCE/EFFORT RATIO
- RIB ON THE BACK OF THE BLADE: REINFORCES THE BLADE WHILE OPTIMIZING PIVOTING GEOMETRY

COLOR VARIATIONS



TECHNICAL FEATURES

300

Sizes	36/37	38/39	40/41	42/43	44/45	46/47
Blade*	32,5 cm	34,5 cm	36 cm	38 cm	40 cm	42 cm
	12.8 in	13.5 in	14.2 in	15 in	15.7 in	16,5 in

PLANA AVANTI X3

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

CORDA

NEW

code: 495023

- 100% NATURAL RUBBER
- FLEXIBLE BLADE
- SOFT ORTHOPEDIC FOOT POCKET
- WIDE RANGE OF SIZES





COLOR VARIATIONS



TECHNICAL FEATURES

IECHNIC	AL 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

COLOR VARIATIONS



TECHNICAL FEATURES

Sizes	30/31	32/33	34/35	36/37	38/39	40/41	42/43	44/45	46/47
Blade*	14 cm 5.5 in	18 cm 7 in							

^{*} From end of footpocket to end of blade

^{*} From end of footpocket to end of blade ** Until stock lasts

ROVER

code: 411243

- INTEGRATED BUCKLES
- WIDER RANGE OF FITTING
- STURDY AND DURABLE CONSTRUCTION
- SILICONE SKIRT
- OPTICAL LENSES AVAILABLE



TECHNICAL FEATURES

Weight (g)	183
ACCESSORIES	
Optical lens (from -1,0 to -7,0 - from +1,5 to +3,0)	411181

COLOR VARIATIONS



BUCKLE



ROVER MASKS & SNORKEL SET

■ 6 ROVER MASKS

















ROVER PRO

code: 411519

- CURVED, ERGONOMIC STRUCTURE
- INTEGRATED KEEPER
- EXHAUST VALVE
- SILITER MOUTHPIECE



■ 2 SILICONE STRAPS



■ 4 SPARE BUCKLES

















COLOR VARIATIONS



SET DETAILS

6 Rover Masks
6 Rover S Snorkels
4 Spare Buckles
2 Silicone Straps
4 Strap's Loops
1 Silicone Mouthpiece





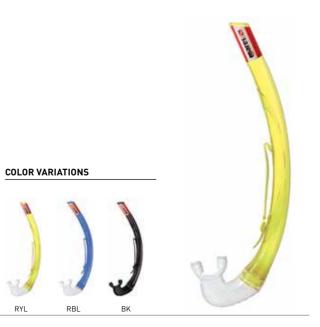


ROVER S

code: 411478

- CURVED, ERGONOMIC STRUCTURE
- INTEGRATED KEEPER

■ SILICONE MOUTHPIECE





302



ACCESSORIES

EOS 10RZ

code: 415679

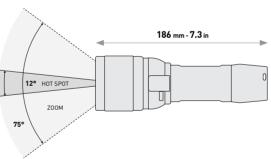
- 1010 LUMENS
- MAGNETIC ADJUSTABLE FOCUS
- 135 MINUTES OF BURN TIME (MAX POWER)
- IN-HOUSE RECHARGEABLE BATTERY
- USB RECHARGEABLE CABLE
- LED CHARGE INDICATOR
- WIDE LIGHT BEAM
- MAGNETIC MULTIFUNCTION SWITCH WITH SAFETY LOCK
- FOUR OPTIONS: ON, LOW, FLASH, OFF
- ONE-HAND USE
- TUBULAR HANDLE
- ADJUSTABLE WRIST STRAP

EOS STROBE

code: 415682

- 450 LUMENS
- 360° HIGH VISIBILITY
- 15/20 HOURS OF BURN TIMEIN-HOUSE RECHARGEABLE BATTERY
- USB RECHARGEABLE CABLE
- LED CHARGE INDICATOR
- MAGNETIC, ROTATIONAL SWITCH
- TWO OPERATING MODES: ON, STROBE
- ANODIZED ALUMINUM HOUSING
- ADJUSTABLE STRAP







TECHNICAL FEATURES

Bulb		1 Cree XM-I	_2 LED Chip		
Switch mode	High Low		Flash/S0S		
Led lumens (25°)	1010	365		/	
Burn time (min)	135	25	55	240	
Color temperature (k)		5800 -	÷ 7300		
Light beam (1m distance)	Hot Sp	ot (12°)	Corona (75°)		
(Mm/in)	220 / 8.6		1550 / 61		
Rechargeable batteries (li-ion)	1x ICR26650				
Time to charge	6 h (5	V1A adapter)	- 12 h (PC 50	0mA)	
Total length (mm/in)		186	/ 7.3		
Head diameter (mm/in)		57 /	2.2		
Body diameter (mm/in)	37 / 1.5				
Weight with batteries (gr/oz)	537 / 18.8				
Max operating depth (m/feet)	120 / 393				

TECHNICAL FEATURES

LOMINOALILATORES			
Bulb	1 Cree XPE	E LED Chip	
Switch mode	High	Flash/S0S	
Led lumens (25°)	450	1	
Burn time (min)	300	1500	
Color temperature (k)	5800 ÷ 7300		
Light beam (1m distance)	Diffused light		
Flash Rate (p/min)	120		
Rechargeable batteries (li-ion)	1x ICR26650		
Time to charge	6 h (5V1A adapter)	- 12 h (PC 500mA)	
Total length (mm/in)	170	/ 6.6	
Head diameter (mm/in)	39 /	1.6	
Body diameter (mm/in)	34 / 1.4		
Weight with batteries (gr/oz)	245 / 8.6		
Max operating depth (m/feet)	100 / 328		

ROLL OF WEBBING

code: 415128

- 50m/45Y EACH ROLL
- CUSTOMIZABLE ACCORDING TO DC NEEDS
- MARES SILVER LOGO
- PERFECT FOR MARES STAINLESS STEEL BUCKLE



WEIGHT BELT BUCKLES

- STAINLESS STEEL
- "V" SHAPE FRONT FLAP TO CLOSE EASILY
- MARES EMBOSSED LOGO
- 10PCS KIT
- IDEAL FOR MARES WEBBING ROLL



PROMO MATERIAL

BANNER PVC

code: 449921

code: 449922

- SIZE: 3X1 m
- SIZE: 150X50 cm
- 100% PVC



FLAG

code: **449920**

- SIZE: 140X90 cm
- 100% NYLON



PEN FLAG

code: 449923

code: 449924

- SIZE: 40X180 cm Indoor
- SIZE: 40X300 cm Outdoor
- 100% NYLON



NOTES

SEMINARS 2019



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.

SEMINARS 2019



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. Be currently affiliated with an Authorized Mares Dealer. Be approved by the affiliated Mares Dealer to attend the course.

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.
Be affiliated with an Authorized Mares Diving Center.
Be approved by the affiliated Mares Diving Center to attend the course.

• 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 Seminars Service Technician Update Seminars are available online and/or as instructor led Update Seminars 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.

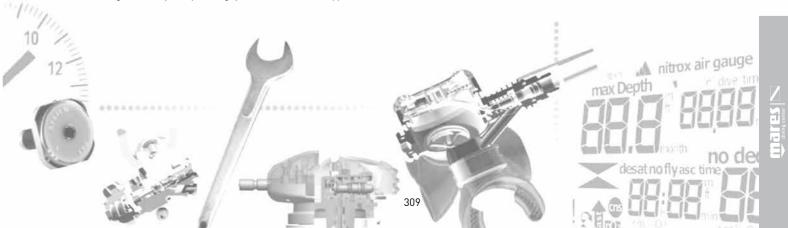


Your Abilities Confirmed

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 Mare 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



CONSIDER THIS CATALOG A PRELIMINARY VERSION. PLEASE REMEMBER TO REPLACE THIS VERSION WITH THE FINAL COPY WHEN IT'S COMPLETE.





Mares S.p.A.
Salita Bonsen 4
P.O. Box 142
16035 Rapallo [Genova] · ITALY
Tel. +39 0185 2011 / fax +39 0185 201470
www.mares.com