

## NEMO EXCEL

### The most complete watch-style dive computer

- Nemo evolution with high-contrast flat display
- Preshaped ergonomic strap fits all wrist sizes
- 4 dive mode functions for all specific diver needs

All the great features of the original Nemo, now evolved with important upgrades: even tougher components, assembled by Swiss hi-tech production, for extreme durability. Upgraded mineral glass display, designed flat and protected, features increased digit contrast and readability. Newly shaped strap forms more comfortably to your wrist.

*strap extension - optional accessory code: 44200664*

### NEMO DISPLAY PROTECTION

*code: 414902*

*A soft thermoplastic technopolymer cover that perfectly molds to the Nemo Excel computer case, protects your display from scratches, without interfering with its readability.*

## INSTRUMENTS TECHNICAL ICONS



**RGBM:** The Mares-Wienke "Reduced Gradient Bubbles Model" algorithm is the most evolved algorithm to date for preventing the formation of micro-bubbles. Obtained from a study done by Dr. Bruce Wienke in the Los Alamos labs on over 10,000 real dives, RGBM algorithm incorporates Deep Stop function to further increases safety without compromising dive time.



**SPECIAL FUNCTION MODE:** Mares computers provide specialized program functions dedicated for the needs of specific divers. On the next pages, highlighted "letters" in this icon indicate that the Mares computer provides that function.

**A** Air

**N** Nitrox

**F** Free Dive

**B** Bottom Timer



**PRECAUTIONARY PROGRAM SETTINGS:** Many Mares computers can be individually set and adjusted to more conservative dive profiles if needed. When you do multi-level or multiple dives during a single day, you can choose different setting levels in order to adjust your computer to a more conservative dive profile.



**EASY ACCESS:** The Easy Access push buttons allow the diver to operate the computer in all conditions, even when wearing thick gloves. Navigating through the computer programs is extremely simple and very intuitive, whether the computer is equipped with one, two, three or four push buttons.



**SUPERIOR DISPLAY READABILITY:** In order to offer easy-to-read instruments in every circumstance, Mares produces wide computer displays, with intense backlighting and high contrast displays. Featuring illuminated, oversized digits. Special attention is paid to maximize the viewing angle, to eliminate angular distortion and to always grant the best readability.



**POWERFUL BACKLIGHT:** Mares computers are well known for having the strongest backlight illumination displays. This is only possible thanks to intelligent power supply management and the use of standard batteries. The display can be temporarily or permanently backlit (depending on the model) for better readability during night dives or dives with limited visibility.



**MINERAL GLASS DISPLAY:** Most Mares computers are equipped with mineral glass displays. This provides superior scratch resistance, similar to the mineral glass used by watch manufacturers. The mineral glass is shock-proof, tempered, and non-reflective for better readability in all diving conditions and visibility levels.

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Cap. Sociale € 14.925.694,00 i.v.

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## PROFILE ICONS

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**FOR DEMANDING DIVERS:** Those who dive frequently and in difficult conditions need products featuring superior quality and consistent performance, time and time again. Mares has always focused on new technologies and innovative products that lead to concrete benefits: superior reliability and performance will be appreciated by the most experienced demanding divers.

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**COLD WATER:** Designing and engineering products for cold water diving requires maximum attention to performance, safety and technical details. Mares creates equipment specific for cold water and ice diving. Rigorous tests ensure top notch performance keeping you comfortable, warm and secure. Even the US Navy has conceded Mares to be the best equipment for extreme conditions.

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**MAX COMFORT:** Comfort is always one of the primary design elements in Mares equipment. Mares through superior technology continues to research, innovate and upgrade your level of comfort before and during your dive. Equipment marked with Max Comfort bring this quality of comfort to the most up-to-date premier pinnacle.

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**IDEAL FOR TRAVEL** This gear line is designed specifically for women in style, cut, and ergonomics making your dives much more comfortable than in years past. Careful consideration to detail in functionality and aesthetic specifically for women make the She Dives collection the ideal choice for your Scuba and snorkeling needs.

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## NEMO EXCEL



*Four years after the Nemo series' successful arrival on the market, the second generation of these highly-advanced computers has arrived in watch format. **Nemo Excel** is the complete solution for the "two worlds": both on land and underwater, this new design object yet again sets new benchmarks in terms of quality, safety, and ease of use.*

**Nemo Excel** combines a dive computer and a wrist watch in a single beautiful object. The name is synonymous with a refusal to compromise and maximum perfection, on land and underwater alike. The world's most modern dive computer, with its four modes – Air, Nitrox, Bottom Timer, and program for freediving – offers very important innovations: compared to previous models, the ultra-resistant new case is instantly eye-catching. Today, the scratchproof mineral glass is flat and slightly recessed, and then protected by the elegant stainless steel crown that rises up from the modified case. The four buttons stand out easily thanks to the grooves, and they're easier to use, even with the thickest gloves. But the most important innovation is the display: it's high-resolution and contrast-rich, offering a 170° reading angle, just like the one in the famous "Nemo Wide" model. This characteristic makes it extremely quick and easy to read and process vital information underwater, even in very poor visibility and lighting conditions. Finally, energy consumption was cut by 30% compared with previous models. Incredible comfort is also ensured by the pre-formed straps, which allow **Nemo Excel** to mold perfectly to wrists of different thicknesses.

Naturally this model retains all the benefits offered by the first generation. **Nemo Excel** is the ideal wrist watch with chronometer and alarm functions as well as split times and second time zone: it's perfect for frequent air travelers! For the computer function, **Nemo Excel** uses the most modern calculating program available, the RGBM Mares-Wienke algorithm, which uses special "deep stops" to reduce to a minimum the risk of microbubbles forming. The wide array of functions can be called up easily and intuitively using the easy access controls. This allows the user to comfortably and quickly access all the functions of the watch and the computer: memory, programming more, and setup functions. The IRIS PC interface (an optical infrared interface) and a strap extension are also available on request.

**Nemo Excel** is not just a small and elegant miracle of technology: we guarantee that it's also a real eye-catcher, and not just for divers!

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## "NEMO EXCEL" TECHNICAL CHARACTERISTICS



<i>Type</i>	Nemo Excel
<i>Program</i>	RGBM Mares-Wienke
<i>Computer for Decompression / Deep Stops</i>	Yes / Yes
<i>Safety stops</i>	3 min between 2.5 and 5 m
<i>Mode</i>	Air, Nitrox, Bottom Timer, Freedive program
<i>Nitrox Interval</i>	In 1% increments from 21 to 50%
<i>Illumination</i>	With time control
<i>Batteries</i>	1 x 3 V, CR 2430
<i>Battery life</i>	170 dives
<i>Max depth</i>	150 m
<i>Charge level indicator</i>	As a percentage
<i>Programming mode</i>	Yes
<i>Ascent rate</i>	10 m/min
<i>Indicator during the ascent</i>	Optical (m/min), audible
<i>Audible alarm</i>	programmable
<i>Mountain lakes</i>	from P0 to P3 (from 0 to 2400 m)
<i>Memory storage</i>	38 h
<i>Profile memory</i>	40 dive hours in 20 sec intervals
<i>Watch / Calendar / Stopwatch</i>	Yes
<i>Air temperature</i>	Yes
<i>Strap extension (optional)</i>	Yes
<i>Interface (optional)</i>	Yes, IRIS USB
<i>Suggested retail price</i>	€ ***.-

Product photos with resolution up to 300 dpi are available at: <http://media.mares.com/>  
Contact us. We'll be happy to send you your personal access information.

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