



PANERAI SUBMERSIBLE CARBOTECH™

PANERAI PRESENTS TWO NEW PROFESSIONAL DIVING WATCHES IN CARBOTECH, A LIGHT MATERIAL BASED ON CARBON FIBRE, STRONG AND WITH EXCELLENT MECHANICAL PROPERTIES. AVAILABLE WITH DIAMETERS OF 42 MM AND 47 MM.

Lighter than steel and titanium, highly resistant to external shocks and corrosion: carbotech is a material based on carbon fibre, introduced into the world of high quality watchmaking by Panerai. It combines exceptional performance with a **varied, matt black appearance that gives each watch a unique character**. The two new Panerai Submersible Carbotech™ watches have the case, the rotating bezel and the device for protecting the winding crown made of this remarkable material: **two professional diving watches of excellent technical performance with the powerful Panerai character**, the result of the continuous research and development carried out by the *Laboratorio di Idee* of the Manufacture in Neuchâtel.

To form the slabs of carbotech, very thin sheets of carbon fibre are compressed together at a controlled temperature and under high pressure with a polymer, PEEK (Polyether Ether Ketone), which bonds the composite material together, making it **even tougher and more dependable**. The carbon fibres used are very long, in order to **ensure a very even appearance**, and the leaves are superimposed and pressed together in such a way that the orientation of the fibres of each layer

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are out of phase compared to the ones below or above. Thanks to this structure, the **mechanical properties of carbotech are very much higher than to those of similar materials**, and of other materials often used in the world of high quality watchmaking, such as ceramic and titanium. Compared to these, **carbotech is lighter and even more resistant to external stresses**, as well as being not subject to corrosion.

Water-resistant to a depth of 300 metres (30 bar) and fitted with a rotating bezel for calculating the duration of each dive, the two new Panerai Submersible Carbotech™ watches have an all-black look made even stronger and more striking by the characteristic stripes of this carbon fibre-based material. The dial too is black, with Super-LumiNova® hour markers, ensuring **excellent visibility under all lighting conditions and in complete darkness, in normal situations as well as underwater**. To avoid any possible ambiguity in reading the watch underwater, the luminous substance used on the minute and hour hands and on the marker at 12 o'clock emits a green light, instead of the blue of all the other markers. The strap, perfect for diving, is made of black rubber, tough and strong, with the OP logo in contrasting blue and the trapezoidal buckle, personalised Panerai, made of titanium with black DLC coating.

The two new Panerai Submersible Carbotech™ watches are distinguished from each other by the diameter of the case – one is the historic Panerai size of 47 mm (PAM01616) while the other is 42 mm (PAM00960) – and the automatic Manufacture movement within it: the first has the P.9010 calibre while the second uses the OP XXXIV calibre, with smaller dimensions but still having the power reserve of three days, the date at 3 o'clock and the small seconds dial at 9 o'clock.



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PANERAI SUBMERSIBLE CARBOTECH™ – 42mm



PAM00960

TECHNICAL INFORMATION

MOVEMENT: Automatic mechanical, OP XXXIV calibre. 12 ½ lignes, 4.2 mm thick, 23 jewels, 28,800 alternations/hour, Incabloc® anti-shock device, one barrel.

FUNCTIONS: Hours, minutes, small seconds, date, calculation of immersion time.

CASE: 42 mm, carbotech. Unidirectional rotating bezel. Titanium back with black coating. Device protecting the crown (protected as a trademark) in carbotech.

DIAL: black with luminous hour markers and dots. Date at 3 o'clock, small seconds at 9 o'clock.

POWER RESERVE: 72 hours.

WATER-RESISTANCE: 30 bar (~ 300 metres).

STRAP: black caoutchouc strap, trapezoidal brushed titanium buckle with DLC coating.

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PANERAI SUBMERSIBLE CARBOTECH™ – 47mm



PAM01616

TECHNICAL INFORMATION

MOVEMENT: Automatic mechanical, P. 9010 calibre, entirely executed by Panerai. 13 ¾ lignes, 6 mm thick, 31 jewels, 28,800 alternations/hour, Incabloc® anti-shock device, two barrels.

FUNCTIONS: Hours, minutes, small seconds, date, calculation of immersion time.

CASE: 47 mm, carbotech. Unidirectional rotating bezel. Titanium back with black coating. Device protecting the crown (protected as a trademark) in carbotech.

DIAL: black with luminous hour markers and dots. Date at 3 o'clock, small seconds at 9 o'clock.

POWER RESERVE: 72 hours.

WATER-RESISTANCE: 30 bar (~ 300 metres).

STRAP: black caoutchouc strap, brushed titanium buckle with DLC coating.

**Panerai is not the owner of the Incabloc® trademark.*

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