

SCAFOGRAF  
300

USER MANUAL



EBERHARD & CO

*Manufacture Suisse d'Horlogerie depuis 1887*



**T**he Eberhard & Co. watch manufactory was founded by Georges Eberhard at La Chaux-de-Fonds back in 1887. Ever since, the venture has specialised in the making of chronographs.

In this capacity, it has attained a highly respected position in the world of high-grade watches. With the introduction, at a later stage, of sportively elegant watches it has furthermore augmented this status of the Eberhard & Co. brand name.

Eberhard's success story is backed by consistent deployment of advanced technology, meticulous craftsmanship and, not least, by observing that long tradition of superior workmanship which has made Swiss watchmaking a household name.

Today, with well over a century gone by, watches by Eberhard & Co. continue to stand for that high-grade quality and those excellent virtues which will please even the most demanding of connoisseurs.



## SCAFOGRAF 300

SCAFOGRAF 300 reinterprets in a contemporary way the Scafograf collection launched in the 1950s, designed to be worn by the adventurous and sporty with a dynamic spirit and love of life.

SCAFOGRAF 300 incorporates all the main features required of a diving watch, an unidirectional rotating bezel, luminescent indices with dots that can be white, light blue or yellow and an automatic helium escape valve, everything that intrepid divers and water-sports aficionados would need in the enthralling depths, beating time beneath the sea.

The model comes with an integrated black rubber strap or a "Chassis<sup>®</sup>" steel bracelet. The clean and precise lines of the SCAFOGRAF 300 are also well suited to a more casual-chic use out of the water.

### INFORMATION REGARDING THE INTERNATIONAL GUARANTEE

We hereby guarantee your Eberhard & Co. watch against any defect in manufacture or materials for a period of 24 months, subject to normal conditions of use.

This guarantee does not cover:

- damage caused by improper technical handling or by shocks
- wear of the strap, glass or any other part due to normal watch use
- eventual shipping and insurance charges.

To have your Eberhard & Co. "SCAFOGRAF 300" model serviced or repaired, please contact only technical service facilities authorised by Eberhard & Co.

We recommend to have the movement checked or overhauled every 3 years on average.

We aim to your full satisfaction.



A Hours hand  
B Minutes hand  
C Seconds hand  
D Winding crown

E Helium valve  
F Date  
G Rotating bezel  
H 0 index

## FEATURES

SCAFOGRAF 300 is a mechanical watch with automatic winding. Its steel case has a diameter of 43 mm. The watch features an automatic helium valve and an unidirectional rotating bezel in ceramic with a sexagesimal scale. The crown is screwed in, the sapphire glass is vaulted and non-reflecting, the caseback is screwed and personalized by an engraved starfish. The hands as well as the big indexes on the dial are highly luminescent to facilitate readability when it's dark and during diving activities. The date is positioned at 3 o' clock.

Available version:

- Steel case with rubber strap or steel bracelet and déployant clasp Déclic® (Patented).

Water-resistant up to 300 m.



### HELIUM VALVE (AUTOMATIC)

The security helium valve (E) is a distinct element of professional diving watches. It proves its usefulness in all instances where the watch is used for working in deep depths and during long diving activities, for instance in diving bells, i.e. in ambiances where you breathe in a mixture of helium and oxygen. Because helium has such a miniature atomic structure, it can easily penetrate into the case. That is why there is a valve that allows helium, accumulated inside the case at a high pressure, to escape, because otherwise the glass could be expelled forcefully in the emerging phase.

## OPERATING THE CROWN



POSITION A - Screwed-in crown, water-resistance guaranteed.



POSITION B - HAND-WINDING OF THE WATCH – To unscrew the crown turn it counterclockwise. When it is unscrewed, turn it clockwise to transmit the manual charge to the movement. If your SCAFOGRAF 300 has not been worn for some time, the movement has to be wound manually, in order to obtain immediately a sufficient power-reserve and to ensure accurate working of the watch.



POSITION C - RAPID DATE-SETTING – Pull the crown to the first catch. Turning the crown clockwise, you can then set desired date.



POSITION D - TIME SETTING – To set the time (hours and minutes), pull the crown to the second catch.

### IMPORTANT

To set back the crown ①, push it lightly against the watch case while turning it clockwise until it is fully screwed in again.

Before diving make sure that the crown ① is locked (A position). Only in this case the water-resistance is guaranteed.

## OPERATING INSTRUCTIONS AND READING OF THE ROTATING BEZEL

In order to adjust the bezel it is necessary to rotate counterclockwise to align the zero index (H) and the minutes-hand of the watch (B). From then onwards it is possible to read the time continuously that elapses during diving or in any other situation. The zero index (H) and the traits of the first 15 minutes scale displayed on the ceramic bezel are luminescent to optimise readability.

## MAINTENANCE OF THE RUBBER STRAP

It is recommended to periodically clean the a strap with soap and water avoiding the use of aggressive detergents.

## DIRECTIONS FOR USE OF WATER-RESISTANT WATCHES

We strongly recommend that you verify the position of the crown before all underwater activities. After use in seawater, rinse the watch in fresh water. Don't adjust the crown while the watch is wet.

We strongly recommend that you let check the water-resistance by a qualified technical service facility at least once a year, or in any case before intensive use, and to have the gaskets replaced if necessary.

## CONFORMITY TO THE ISO STANDARDS

- Test of bracelet's traction resistance – ISO 6425:1996
- Under-water visibility test of diving watch – ISO 6425 - § 6.2
- Test of water-tightness and resistance at a water overpressure – ISO 6425
- Test of magnetic resistance – ISO 764 (NIHS 90-10)
- Pendulum-hammer shock test – ISO 1413 :1984 (NIHS 91-10)



[www.eberhard-co-watches.ch](http://www.eberhard-co-watches.ch)