

AQUATIMER

SINCE 1967



THE FIRST AQUATIMER, 1967



————— IWC Schaffhausen has had close connections with diving since the 1960s. In 1967, the sport's growing popularity prompted the company to launch the first Aquatimer. It was pressure-resistant to 20 bar and featured an internal rotating bezel to display dive time. In 1982, the first diver's watch in titanium, pressure-resistant to 200 bar with an external rotating bezel, created a sensation: the Ocean 2000. In 1997, IWC rolled out the GST sports watch line, which rapidly became synonymous with ruggedness combined with suitability for everyday use. The inventive ethos of IWC's engineers led to the GST Deep One in 1999. This striking diver's watch in a titanium case was the first IWC watch to feature a mechanical depth gauge.

In 2009, IWC brought a completely revised Aquatimer collection onto the market. The diver's watches featured a chunky external rotating bezel with an inset sapphire glass whose underside was treated with a thick coating of Super-LumiNova®*.

The 2014 Aquatimer collection was more purist in appearance with more subdued colours than the previous generation. The watches were also more functional and safer, and even more Aquatimer models were fitted with IWC-manufactured movements. The most conspicuous new development was the case design with the external/ internal rotating bezel. It combines the advantages of an internal rotating bezel with the ease of use of an external rotating bezel. The external rotating ring with its SafeDive system can be moved simply and precisely in steps of one minute, even when wearing diving gloves or with cold fingers. For safety reasons it can only be turned anticlockwise. The Super-LumiNova®* luminescent coating for the dive time scale on the internal bezel guarantees excellent legibility no matter how poor the visibility. And with the new IWC bracelet quick-change system, swapping the steel bracelet for the rubber strap, and vice versa, is a snap.

In 2014, in honour of the ingenious British scientist Charles Darwin and his Galapagos expedition, IWC launched a special edition, housed in a bronze case. The Galapagos Islands, 1,000 kilometres from the South American mainland, are one of the last natural paradises on earth. The budding British naturalist

**DARWIN'S OBSERVATIONS FORMED
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EVOLUTION**

visited the Galapagos Islands in 1835 in the course of an expedition. He found a unique plant and animal ecosystem that differed from one island to the next. The observations he made here formed the essence of his life's work, "The Origin of Species", which was published in 1859 and has since been the basis of the modern theory of evolution.

Exactly 136 years after Darwin, "le Commandant" Jacques Cousteau set course for the archipelago with his research vessel, the Calypso. He wanted to make a close-up study of the Galapagos marine iguanas. For the sixth time to date, IWC dedicated a special edition of the Aquatimer to the passionate inventor, researcher and filmmaker.

In response to the destruction of the environment of the Galapagos Islands, the Charles Darwin Foundation (CDF) was founded in 1959 and the Charles Darwin Research Station, based on the island of Santa Cruz, in 1964. For years now, IWC has been committed to the principle of sustainability and makes a sizeable contribution to both charitable organizations to enable them to keep up their good work.



PERFECT FOR THE ASCENT

Galapagos marine iguanas are masters in the efficient use of energy. They bask in the sun on the baking hot volcanic rock for hours on end, storing the energy they need for their lengthy dives. In cold water they reduce their energy requirements by slowing down their heartbeat. The conservation of energy, incidentally, plays an important role not only biologically but also in watch technology. In order to advance its large month display discs, the Aquatimer Perpetual Calendar Digital Date-Month requires more power than the in-house automatic 89801 calibre can provide. For this reason, every night when the date display is advanced, the quick-action switch taps a little energy, stores it and then releases it at the end of the month. With its impressive case diameter of 49 millimetres, the Aquatimer Perpetual Calendar Digital Date-Month is the second-largest wristwatch in the history of IWC – just behind the Big Pilot's Watch launched in 1940. The unusual combination of materials – 18-carat red gold with rubber-coated titanium – gives the watch an appearance that is at the same time luxurious and sporty. The date and month discs have semi-transparent perforated covers that provide a view of the complex mechanism within. The designers took their inspiration for this particular element from the filter systems that are omnipresent on all submarine vehicles. The rotor behind the see-through sapphire-glass back is distinctly functional-looking and likewise alludes to the reliability of research submarines. The exclusive flagship of the collection is limited to 50 watches and water-resistant to 10 bar.



The calendar movement shows the day and month as well as the leap year in digits

AQUATIMER

AQUATIMER PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3794



REF. IW379401

in 18-carat red gold and rubber-coated titanium
with black rubber strap

Limited edition of 50 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Perpetual calendar · Large double-digit displays for both the date and month · Leap year display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 10 bar · IWC bracelet quick-change system · Case height 19 mm · Diameter 49 mm



A DEPTH GAUGE FOR MAXIMUM SAFETY

The third generation of the IWC diver's watches with a mechanical depth gauge – the Aquatimer Deep Three in a titanium case – is a perfect example of watchmaking evolution: it is even safer, more functional and easier to use than ever before. Using three parameters – elapsed dive time, maximum depth reached during the dive and the seconds hand – the diver can plan any necessary decompression stops during his ascent and remain at the necessary depth to conclude the dive safely and successfully. The Aquatimer Deep Three is water-resistant to 10 bar and offers a complete backup system for the dive computer. During a dive, the blue depth indicator moves against the white scale to show increasing or decreasing depth. The red maximum depth indicator remains at the greatest depth reached down to 50 metres. Another feature is the SafeDive system, which prevents accidental moving of the external rotating bezel. Thanks to its titanium case, the watch is lighter than its predecessor in stainless steel. An elaborate relief engraving of a diver's helmet can be found on the back of the watch. The corrugated rubber strap adapts easily to the changing girth of the wearer's wrist.



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AQUATIMER DEEP THREE

REFERENCE 3557



REF. IW355701
in titanium with black
rubber strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Mechanical external/internal rotating bezel with SafeDive system · Mechanical depth gauge with flyback hand showing maximum depth to 50 m · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 10 bar · IWC bracelet quick-change system · Case height 16.5 mm · Diameter 46 mm

AT THE CUTTING EDGE DOWN TO 2000 METRES

The prototype was built in 1982 as a watch for mine clearance divers and designed by the legendary Ferdinand A. Porsche. The version for non-military use, the Ocean 2000, was the first watch with a pressure-resistance of 200 bar and was much coveted by collectors. Subsequent models, namely the GST Aquatimer and the Aquatimer Automatic 2000, were one thing above all: first-class diving instruments for ambitious amateurs and professionals. The Aquatimer Automatic 2000 is a reliable backup system, even for the most exacting underwater missions. With its titanium case, the watch harks back to the origins of the reference models. The case has grown in size to 46 millimetres, making the dial more legible and leaving enough room for the robust IWC-manufactured 80110-calibre movement. The chunky external rotating bezel can be adjusted easily even when wearing gloves and, as the name SafeDive system suggests, offers the diver a very high level of safety. The rubber strap is available optionally in an XXL version and can be worn over a neoprene suit or a drysuit. For the designers, only one motif was thought appropriate for the engraving on the back of the cover: the classic diving helmet worn by deep-sea divers.





AQUATIMER

AQUATIMER AUTOMATIC 2000

REFERENCE 3580



REF. IW358002
in titanium with black
rubber strap

Mechanical movement · Self-winding · IWC-manufactured 80110 calibre (80000-calibre family) · 44-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Central hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 200 bar · IWC bracelet quick-change system · Case height 20.5 mm · Diameter 46 mm



30

45

IWC
SCHAFFHAUSEN

AQUATIMER

25

SWISS
MADE

HOMAGE TO A WORLD HERITAGE SITE AND A PIONEERING NATURALIST

Last year, with the Aquatimer Chronograph Edition “Expedition Charles Darwin”, IWC added the first model in a bronze case to its range. The choice of bronze pays homage to Darwin’s well-known survey vessel, HMS Beagle: in those days, bronze – which is saltwater-resistant – was used for portholes, fittings and nautical instruments. In keeping with the recognition of the naturalist and father of the theory of evolution that “nothing is more constant than change” – and depending on the use to which it is put – bronze develops a patina in the course of time and darkens in colour, giving the watch its own unmistakable character. The engraving on the back is an expressive portrait of Darwin. The Aquatimer Chronograph Edition “Galapagos Islands” with matte black rubber coating commemorates the partnership established in 2009 with the Charles Darwin Foundation. For over 50 years, it has drawn hundreds of scientists, students, teachers and volunteers from all over the world. The aim of the Galapagos scientific centre is to research the indigenous fauna and flora and to save the Galapagos, a World Heritage site, from destruction. Part of the proceeds from sales of the Galapagos editions has traditionally gone to the Charles Darwin Foundation. Both watches are fitted with the IWC-manufactured 89365-calibre movement and have all the innovative features of the current Aquatimer generation.

AQUATIMER CHRONOGRAPH EDITION “EXPEDITION CHARLES DARWIN”

REFERENCE 3795



REF. IW379503

in bronze with black
rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER

AQUATIMER CHRONOGRAPH EDITION “GALAPAGOS ISLANDS”

REFERENCE 3795



REF. IW379502

in rubber-coated stainless steel
with black rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm



AN EXPEDITION WITH “LE COMMANDANT”

In the early 1970s, scuba diving pioneer, researcher and filmmaker Jacques Cousteau familiarized millions of viewers with the mysterious marine iguana through his film “The Dragons of Galapagos”. In 1973, he founded the Cousteau Society, a non-profit organization dedicated to protecting marine life. IWC has been a partner of the Cousteau Society since 2004 and has supported the organization in its work to set up marine conservation zones. The Aquatimer Chronograph Edition “Expedition Jacques-Yves Cousteau” with its traditionally blue dial is already the sixth special edition to bear the name of the famous Frenchman. The engraving on the back of the cover shows “le Commandant” with his trademark red woollen beanie. Part of the proceeds from every sale goes directly to the Cousteau Society. The watch devoted to Cousteau is technically identical with the Aquatimer Chronograph. The innovative external/internal rotating bezel with a SafeDive system designed to prevent inadvertent changes of the dive time boosts the practical use of the diver's watch, as does the increase in water-resistance from 12 to 30 bar. The chronograph function handles single stop times and aggregate timing up to 12 hours, while the push-buttons can be activated even under water. The distinctly purist design of the dial recalls the look of the first Aquatimer in 1967 and gives it a more modern reinterpretation.



With his legendary TV series "The Undersea World of Jacques Cousteau", the filmmaker did much to popularize amateur scuba diving

AQUATIMER

AQUATIMER CHRONOGRAPH EDITION “EXPEDITION JACQUES-YVES COUSTEAU”

REFERENCE 3768



REF. IW 376805

in stainless steel with black
rubber strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH

REFERENCE 3768



REF. IW376801
in stainless steel with black
rubber strap



REF. IW376802
in stainless steel with
stainless-steel bracelet

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER

AQUATIMER CHRONOGRAPH

REFERENCE 3768



REF. IW376803
in stainless steel with black
rubber strap



REF. IW376804
in stainless steel with
stainless-steel bracelet

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

THE PURIST OF THE FAMILY

The rugged cliffs running along the coast, where the glittering silver Pacific crashes onto the jet black igneous rock, is probably the most typical view of the Galapagos Islands. IWC's designers took much of their inspiration for the colour scheme of the Aquatimer Automatic in stainless steel from this meeting of the elements. The basic model in the Aquatimer family comes with a black or silver-plated dial, complete with a matching black rubber strap or stainless-steel bracelet. In the version with the black dial, the dive-related displays are coated with luminescent green Super-LumiNova®*. The model with the silver-plated dial looks particularly elegant: the colour of the inlaid luminescent material is slightly more discreet, which does not detract from its legibility in the dark or in adverse visibility conditions. The clear-cut design of the watch, which has just three hands, likewise makes underwater orientation faster and simpler. Like all the models in the collection, the Aquatimer Automatic is equipped with the innovative external/internal rotating bezel featuring the SafeDive system. With a case measuring just 42 millimetres in diameter, the Aquatimer Automatic is the smallest member of the diver's watch family and its dial the most purist.





AQUATIMER AUTOMATIC

REFERENCE 3290



REF. IW329001
in stainless steel with black
rubber strap



REF. IW329002
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Central hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 14 mm · Diameter 42 mm

AQUATIMER

AQUATIMER AUTOMATIC

REFERENCE 3290



REF. IW329003
in stainless steel with black
rubber strap



REF. IW329004
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Central hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 14 mm · Diameter 42 mm