



LOUIS MOINET
1806

MECANOGRAPH



MECANOGRAPH

Presentation

MECANOGRAPH, the chronograph that visibly vibrates

Eight vibrations a second — the visible performance of the high-precision COSC-certified MECANOGRAPH. Treat yourself to the mesmerizing sight of the perpetually beating balance-wheel with its adjustment screws and the busy action of the escapement lever with its ruby palettes releasing the slow rotation of the train wheels. The entire left half of the dial is open to reveal the relentless minuet of this proprietary movement. Suspended above the precision machinery, the seconds hand adds to the breathtaking three-dimensional effect. The MECANOGRAPH was created in tribute to Louis Moinet, a leading watch and clockmaker of the 19th century and president of the Paris chronometrical society.

The MECANOGRAPH returns to Baselworld this year in a new 18K rose gold case (5N) with a black or silvered dial. A fine havana dial with unusual tints is also matched with a case of polished grade 5 titanium and 5N 18K rose gold. MECANOGRAPH innovates in terms of the technology of self-winding watches, by updating an historical operating system. Within this distinctive and rare mechanism, small and large pawls work together with the automatic winding gear train. In addition to its spectacularly attractive appearance, it offers the advantages of a bidirectional winding system.

High-end mechanism

Calibre LM31 was entirely conceived and crafted by Louis Moinet and Concepto. It is composed of 182 different elements and displays chronometer-worthy precision, as is confirmed by its COSC certificate. Nonetheless, its most remarkable characteristic is the way in which it reveals the entire regulating organ, as well as the escapement and its gear train, highlighted by the anthracite coating on the mainplate and bridges.

One of the main challenges was to insert the seconds hand within this magnificent mechanical ensemble. This has been done by means of a distinctively shaped applique and a double read-off hand, thereby affording a new vision of time.

Viewed from the back, the balance with screws shows a different and original face compared with the front view. It is fitted within a set of anthracite-coloured bridges adorned with “Côtes du Jura”® and enhanced with 26 jewels made using the Verneuil process and presented through openings, as well as by blued steel screws.

To achieve its chronometer-level precision, the manufacture-made movement LM31 vibrates 8 times a second, meaning 28,800 vibrations per hour. It is endowed with a 48-hour power reserve and the rotor is mounted on a high-tech ceramic ball bearing mechanism.

Strong character

This exceptional movement asserts its originality through the strong character of its exterior.

The external minute track as well as a half-dial adorned with the emblematic “Côtes du Jura”® motif contribute to forging the elegant spirit of this watch with its strong personality. The time is read off on hands designed by Louis Moinet and nicknamed “Gouttes de Rosée”® (for their dewdrop design).

The case is made from grade 5 titanium with polished and satin-brushed finishing. Two versions combine 18-carat rose gold and titanium. The design echoes the Louis Moinet signature codes, meaning an upper six-screw bezel and its unique interchangeable crown tube system for which an invention patent has been filed.

MECANOGRAPH is a unique creation issued in various 60 and 365-piece limited editions destined to be worn by devotees of creative horology.

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Technical specifications

Features and functions :

Hours & Minutes
Running seconds, suspended at 9 o'clock

Movement and finishing :

Mechanical self-winding composed of 182 parts
Calibre LM31, developed and manufacture-made by Louis Moinet and Concepto
Winding: Self-winding
Oscillations: 28,800 vph (8 V/S, 8 vibrations per second)
Frequency: 4 Hz
Lines: 13 ¼
Power reserve: 48 hours at maximum wind
Jewels: 26
Balance: Glucydur
Rotor: Mounted on high-tech ceramic ball bearings featuring a "Côtes du Jura"® design

Dial and hands:

12 – 6 o'clock : "Côtes du Jura"® design
6 – 12 o'clock : visible mechanism
"Gouttes de Rosée"® (dewdrop) design, rhodium or gold-plated

Case and straps :

Case: Original Louis Moinet® design featuring six-screw bezel
Materials: Grade 5 titanium with polished and matt finishing
5N 18-carat rose gold, polished finishing
Diameter: 43.50 mm
Thickness: 15.60 mm
Water resistance: 50 metres
Case-back: Equipped with 7 screws, engraved with individual number and Louis Moinet symbols
Crystals: Two sapphire crystals with anti-glare treatment on both sides
Crown guard: Patent pending
Width between lugs: 24mm
Strap: Hand-sewn Louisiana alligator leather with alligator leather lining
Buckle: Double folding clasp in 316L stainless steel

Deluxe presentation case :

Louis Moinet book, hand-written guarantee

MECANOGRAPH

The collection



LM-31.20.50
365 watches



LM-31.20.60
365 watches



LM-31.40.55
365 watches



LM-31.40.65
365 watches

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The collection



LM-31.40.95
365 watches



LM-31.50.55
60 watches



LM-31.50.65
60 watches