



LOUIS MOINET
1806



MOON TECH

MOON TECH

A watchmaking premiere with an authentic fragment from Apollo 11

“When I was a child, I always dreamt of the stars. Seeing man’s first step on the Moon live was an unforgettable moment that fired up my imagination and triggered what would become a passion for collecting, and an eagerness to possess fragments of the universe and pieces of history.

Over a half-century later, I would like to invite you to relive this epic adventure by way of an exceptional timepiece: The MOON TECH. At the heart of this creation is a sample of Kapton, a film of polyimide that travelled from Earth to Moon and back aboard Apollo 11.

The MOON TECH features an astronomical Moon driven by a brand-new mechanism. It shows the full moon and the new moon represented by two lunar meteorites from two distinct rocks placed on a central, vaulted disc. The piece of Kapton has a key function, namely, to indicate the state of the Moon. As for the dial, it is made from a silicon wafer engraved with microelectronic circuits, as a tribute to the technological ingenuity that enabled the Apollo 11 mission to achieve the impossible.

The countdown has started – 3... 2... 1... 0... – all engines running. Come along on a unique voyage of discovery: the MOON TECH. This collection, which is limited to eleven models only, is for those who want to become the keepers of a fragment from the historic conquest of space, and now, thanks to horological ingenuity, of a precious astronomical moon.”

Jean-Marie Schaller, Owner and Creative Director

Reinventing a lunar indication – a major technical challenge

The MOON TECH, which comes in a limited edition of eleven pieces, boasts an unprecedented display of the lunar cycle. The full moon and the new moon are represented by two lunar meteorites placed on a domed central disc. It is read off via the index at 3 o’clock, enhanced by an authentic fragment of Kapton leaf from the Apollo 11 mission. The timepiece indicates the full moon when the meteorite surrounded by a golden circle aligns with this indicator. It’s the perfect time to remember that moment when the world held its breath: Apollo 11 nearing the Moon for a momentous event for all of humanity, the first human foot on a surface other than Earth.

The sober look of this timepiece belies the mechanism driving this astronomical moon complication, which is the product of cutting-edge engineering and technology. This complex device, which is driven by a gear train including a 135-tooth wheel, provides excellent precision. Indeed, unlike conventional moon phase displays, the MOON TECH boasts a deviation of just one day in 122 years.

This exclusive automatic calibre, which bears the signature LOUIS MOINET, independent watchmaker, was developed in a collaboration with the company's long-term partner, Concepto.



The Kapton film, a piece of Apollo 11's history

Apollo 11 allowed mankind to put a foot on the Moon for the first time ever. Among the precious memorabilia from this mission is a real fragment of the polyimide film known as Kapton, which was used for the thermal protection of the astronauts in the Columbia command module. This special material made it from Earth to the Moon and back, thus travelling thousands of kilometres through space. It was recuperated after the splashdown and is a unique collector's item that witnessed one of the greatest accomplishments in the history of humanity.

Two meteorites, two separate moon rocks

To represent the full moon and the new moon, two lunar meteorites have been placed on the central disc. These rarest fragments from the universe come from two completely different rocks, confirming the geological diversity of our natural satellite. One is marbled grey, while the other is deep black, creating a striking contrast, just like the celestial body that arouses so much fascination in human beings. On the MOON TECH, however, even when the Moon fades into the night sky, it remains visible to the naked eye.

After being ejected from the Moon, these lunar meteorites travelled far and wide through space before entering our atmosphere and finding a final residence on this emblematic watch.

Gadamis 005 – the most beautiful lunar meteorite

Gadamis 005 is considered one of the most beautiful lunar meteorites by specialists. It originated in a region explored by the crew of the Apollo 16 mission. In the MOON TECH, this meteorite represents the full moon and is ringed in gold. It's exceptional structure in a marbled greyish white subtly evokes the reliefs of the lunar surface and carries us to the fascinating mysteries of our natural satellite.



Dhofar 457 – an intensely black rock from a lunar crater

Dhofar 457 owes its intense black hue to its origin: a lunar crater. Following an initial impact on the Moon, a subsequent event dislodged a portion of the crater and propelled it into space, where it journeyed until it reached Earth, landing in the Dhofar desert, hence the name: Dhofar 457.



Boldly modern, quietly technical

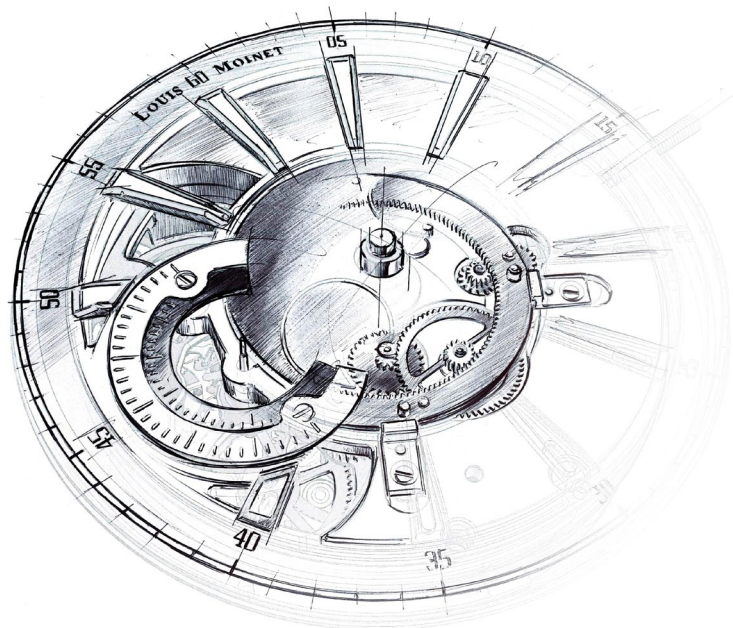
The dial surrounding the central lunar disc was conceived three-dimensionally and offers stunning interplay among the different planes. It rests on a silicon wafer engraved with microelectronic circuits that evokes the key technology needed for the success of the Apollo 11 mission. The structured surface creates a kaleidoscopic decor of light and reflections that change with each movement of the wrist. The indexes are held in place by a central ring and a flange. It's a fascinatingly complex structure.

The luminescent material (SNL) on the indexes ensures optimal readability in the dark. The index at 3 o'clock is covered with an authentic fragment of Kapton, which indicates its function as a reference point for the Moon's state. The sober flange also contributes for the overall modern look of this timepiece.

Another ingenious detail is the subdial at 9 o'clock housing sector seconds. In this unusual display, the hand, modelled after a compass pointer, uses its longer end to count off the first 30 seconds on the upper track. The shorter hand then comes around to tick off the next 30 seconds on the lower track.

An openworked zone between 8 and 10 o'clock reveals the balance wheel, escapement, and bridges. It's a detail that further highlights the play with depth and the very technical character of this contemporary timepiece.

The oscillating weight has been redesigned and is revealed on the movement side of the MOON TECH. It is modern and sophisticated, with an elaborate construction that features assertive lines. It, too, has been openworked to show the fascinating beauty of the mechanism.





The titanium case, precision engineering

The MOON TECH is assembled in a grade 5 polished and satin-finished titanium case with sleek, modern lines. It is an extremely light timepiece, weighing in at only 18 grammes. The domed sapphire crystal is a high-tech feat in itself that enables one to appreciate the depth and detail of the dial. The openworked lugs perfectly underline the integration of the strap. The crown is adorned with the emblem of Les Ateliers Louis Moinet, a beautiful fleur de lys.

TECHNICAL SPECIFICATIONS

MOON TECH

WATCH



LIMITED EDITION

11 pieces

CASE



MATERIAL

Grade 5 titanium



DIAMETER

40.7 mm

DIAL & HANDS



DIAL

Silicon wafer engraved with microelectronic circuits

MOON DISC

Two lunar meteorites on a domed and sanded central disc: Dhofar 457 and Gadamis 005

INDEX AT 3 O'CLOCK
OTHER INDEXES

Kapton (polyimide film) from Apollo 11
Rhodium-plated with luminescent material (SLN)



HANDS

Hours, minutes: faceted and skeletonised, with luminescent material (SLN)
Seconds: compass pointer design

MOVEMENT



FUNCTIONS

Hours, minutes, seconds

COMPLICATION

Central astronomical moon



TYPE

Self-winding mechanism, screw balance



OSCILLATIONS

28,800 vibrations per hour



JEWELS

29



POWER RESERVE

48 hours



WATER RESISTANCE

30 metres

ABOUT LOUIS MOINET

Louis Moinet devoted his entire life to his art without consideration for his legacy. He was a genius, a man possessed by his craft. As it happened, his humility almost denied him the plaudits he deserved for his enormous contributions to the history of horology.

The inventor of both the world's first chronograph and the first high-frequency watch, Moinet would not receive widespread acclaim for either for more than one hundred years after his death. Jean-Marie Schaller sensed he was responding to a call of destiny when he took on the mission to preserve Louis Moinet's exceptional heritage and share it with the rest of the world. In 2012, at an auction, he discovered and acquired Louis Moinet's famous "compteur de tierces". This instrument, identified as the world's first chronograph, was introduced to the general public on 21 March 2013, a date that rewrote the history of watchmaking. Thus, Louis Moinet was officially awarded the prestigious title of «First Chronograph» by the Guinness World Records™ organisation.

Ever since, Les Ateliers Louis Moinet in St-Blaise has worked tirelessly to protect and promote the legacy of Louis Moinet (1768–1853), harnessing the same creative spirit that propelled Moinet himself to greatness. Under the watchful eye of Jean-Marie Schaller, Les Ateliers Louis Moinet produces exclusively mechanical timepieces that fall into one of two categories, either "Cosmic Art" or "Mechanical Wonders".

Every Louis Moinet timepiece is produced as either a one-of-a-kind piece or as part of a strictly limited series. Continuing the inventive and eccentric legacy of the man behind the name, Louis Moinet's creations often make use of unusual and rare components, such as extraterrestrial meteorites or prehistorical materials.

The brand's core values are creativity, exclusivity, and art and design. This unique creative approach within the world of mechanical horology has enabled Louis Moinet to win over fifty of the world's most prestigious awards, including a UNESCO Award of Merit, seven Red Dot Design Awards, eighteen Good Design Awards, gold and bronze medals in the International Chronometry Competition, and many more.

Jean-Marie Schaller also personally received two illustrious distinctions: He was awarded the high-ranking title of "Darjah Seri Sirajuddin Perlis", corresponding to a knighthood, and was also honoured with the Prize for Horological Creativity Contribution Award for his "overall contribution to watchmaking".