



LOUIS MOINET
1806



STELLARIUM

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Time in the cosmos

A star-spangled sky, celestial bodies tracing a path across the vast firmament, a universe that is constantly changing. This was the spectacle that Louis Moinet, the master watchmaker, could see through his telescope. And it was to measure the movement of the stars that, in 1816, he created the famous Compteur de tierces, the first chronograph in history.

Now, 210 years later, Les Ateliers Louis Moinet is presenting the STELLARIUM. This creation invites us to contemplate the cosmos from two perspectives. On the dial is a striking panorama of stars that light up at night. On the back, a planetary display whose arrangement of the stars subtly evokes a key moment in the history of watchmaking.

“STELLARIUM is defined as a space dedicated to the stars. Together with the Louis Moinet Technical Laboratory, we conceived this timepiece as a universe to be explored. Its many details reveal themselves gradually. Indeed, the STELLARIUM offers many surprises and a few secrets as well.”
Nathanaël Schaller, Creative Director

THE DIAL: A STELLAR PANORAMA

The STELLARIUM dial presents the spectacle of a sky studded with stars. By day, the web of longitude and latitude lines evokes the harmonious, graphic quality of a star chart. By night, the stars take centre stage: they glow blue and seem to vanish into infinite depth.

In the background, the Muonionalusta meteorite is bathed in a deep midnight blue. Formed nearly 4.5 billion years ago, at the dawn of the solar system, it is thought to have fallen to Earth around one million years ago in northern Sweden. Inside are the famous Widmanstätten patterns, natural geometric designs formed by extremely slow cooling. For the STELLARIUM, the meteorite was dyed a deep blue using a process that is complex and has been kept secret. This extraterrestrial mineral, which acts as a link between the cosmos and the timepiece's mechanism, is also used as a backdrop to the tourbillon cage.

The sense of depth in the STELLARIUM dial is achieved through a particularly ingenious design. Composed of several layered elements, it notably combines meteorites with a transparent sapphire disc.

THE PLANETARIUM: A DATE IN THE HEAVENS

The movement side of the STELLARIUM shows a fascinating tableau: the solar system. The planets, some of which measure just two millimetres in diameter, have been meticulously hand-painted and are arranged on a grid that appears to float above a starry sky.

The ultimate secret can now be revealed: the planets are positioned according to their exact configuration on 21 March 2013, the day the world of watchmaking learned of a major historical milestone. On that day, at the Neuchâtel Observatory, Jean-Marie Schaller unveiled the famous Compteur de tierces, created in 1816 by the great watchmaker Louis Moinet, which turned out to be the first chronograph ever made.

Unique customisation

However, this date is merely one possibility for the planets' positioning. On request, they can also be arranged to show a date chosen for its special significance. It is a unique way of immortalising a moment that matters to its owner in the heavens.

"Ever since I was a child, I have watched my father persistently track and study the life and work of Louis Moinet. He was convinced of his exceptional contribution to watchmaking. So, 21 March 2013 marked a decisive milestone in the mission he had set himself: to restore Louis Moinet to his rightful place in the pantheon of great watchmakers. I love the idea that STELLARIUM reflects this story, which is both about watchmaking and deeply personal. Astronomy had led Louis Moinet to the Compteur de tierces; two centuries later, the planets mark the day on which his genius was finally recognised."

Nathanaël Schaller, Creative Director

THE CASE: A POWERFUL DESIGN

The STELLARIUM case stands out for its clean lines and highly technical construction. Its openworked sides reveal a blue, DLC-coated titanium core housing the movement. This structure is inside a red-gold frame made up of four separate elements that are ingeniously assembled. The curved sapphire crystal further accentuates the depth of the overall design.

Aficionados will recognise the aesthetic vigour of the IMPULSION case, which has been subtly reworked here: the tops of the lugs are now solid, the downward lines have been redesigned, and the leather strap features a classic clasp.

THE HOVERING TOURBILLON

The STELLARIUM features a flying tourbillon with an off-centre cage that appears to defy gravity in a captivating manner. The hand-wound movement is powered by two serial spring barrels that are arranged head-to-tail using the «volte-face» system. It provides a generous power reserve of 96 hours.



TECHNICAL SPECIFICATIONS

WATCH



MODEL

STELLARIUM
Limited edition of 12 pieces

CASE



MATERIAL

18K 5N red gold, polished and satin-finished
Inner case: blue, grade 5 titanium



DIAMETER | HEIGHT

42.50 mm | 15.85 mm



WATER RESISTANCE

30 metres

DIAL & HANDS



DIAL

Complex dial featuring:
A Muonionalusta meteorite disc tinted blue
Sapphire disc with luminescent stars and lines of longitude and latitude
Sapphire hour-track insert
Black PVD-treated flange



HANDS

Hours, minutes: Faceted and skeletonised with luminescent material

MOVEMENT - CALIBRE LM180



FUNCTIONS

Hours | Minutes

COMPLICATION

Flying tourbillon
Muonionalusta meteorite insert tinted blue



DIAMETER | HEIGHT

32 mm | 5.70 mm



TYPE

Hand-wound with twin barrels



OSCILLATIONS

28,800 vibrations per hour



JEWELS

26



POWER RESERVE

96 hours

STRAP

MATERIAL

Louisiana alligator | Alligator lining

CLASP

Triple folding clasp | Fine adjustment | Fleur-de-lys