

# OSCILLON

## FUNDAMENTUM





OSCILLON is proud to unveil its second creation.

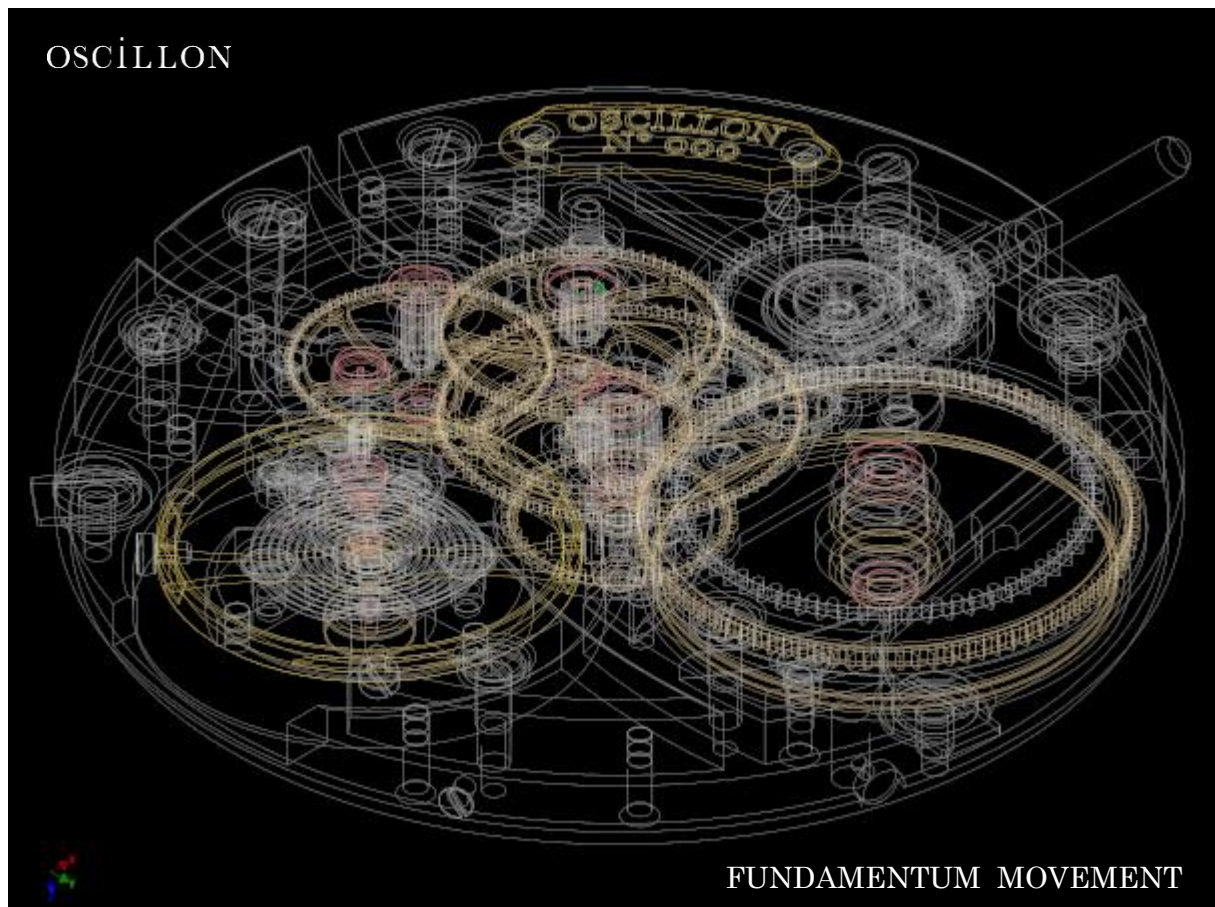
The FUNDAMENTUM

MANUFACTURED from the initial sketches to the final touches in our own workshop in Buchs, Switzerland.

The OSCILLON story continues with our second creation, the FUNDAMENTUM. As the name “FUNDAMENTUM” suggests, this new model focuses on the essence of fine watchmaking.

## In-House engineering

The process begins with the concept idea and the first sketches. The idea was to create a pure manual wind movement with shapes inspired by the classic movements of the last century. Then the idea takes shape in form of the CAD engineering. Already during this process, we imagine on which machine the different parts will be produced, as this gives the guideline for the possible shapes. We like to call this “manually operated machine design”.







MANUFACTURE is not a marketing word for OSCILLON, we are devoted to real handmade.

All our components start with a sheet or rod of metal. The foundation was laid in the mid-nineties when we acquired our first lathes, including a Schaublin 70 and later a Schaublin 102. Ever since our collection of watchmaking-specific machines has grown, and today, we proudly manufacture all components in our workshop in Buchs using exclusively manually operated machines, without the assistance of CNC machines.



Much like a sculptor chiseling a marble block to craft a masterpiece, the skillful hand of the watchmaker operates the machines to create step by step the requested parts from a sheet or rod of metal.

Since the beginning of Oscillon, every timepiece has been created by hand on manually operated machines, emphasizing our dedication to craftsmanship. Instead of the usual "SWISS MADE" inscription, our dials proudly bear the mark "HAND MADE".



Our components undergo various processes:  
The blanks for many components are crafted on the pantograph.



The teeth of the wheels and pinions are meticulously cut on a vintage cutting machine.



The sun shape decoration is delicately applied using a modified vintage decoration machine.



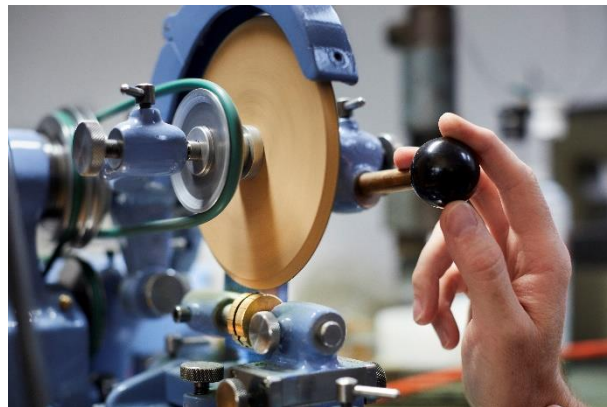
The Oscillon tapisserie pattern is intricately created with a brocading machine on the dial.





## Springs, Wheels, Screws, Dial, Hands, Case, Buckle...

We meticulously care for each component. What starts as raw metal takes form on these various machines. Once the parts attain their final dimensions, the decoration process begins, requiring great skill and care to preserve these fragile components after investing so much time in their creation.







Different Steel's, German Silver, Durnico, traditional machines, skills, and extensive time

These are the essential ingredients in crafting an OSCILLON FUNDAMENTUM timepiece. After countless hours of turning, milling, decorating, and polishing, each component achieves its functional form and aesthetic perfection. We are thrilled to present the new FUNDAMENTUM timepiece, a testament to our commitment to the craft and tradition.

## Limited by time and skill

The new FUNDAMENTUM is a naturally limited edition. The skilled watchmakers capable of crafting these timepieces, along with the manual machines necessary for the task, are rare commodities. Only a handful of FUNDAMENTUM watches leave our workshop each year. We believe that the time and energy we invested in each single watch can be felt with every oscillation of the balance wheel.



FUNDAMENTUM in stainless steel with OSCILLON Tapisserie dial



FUNDAMENTUM in stainless steel with white grand feu enamel dial



## SPECIFICATIONS

|                     |   |
|---------------------|---|
| Functions:          | Central Hour and Minute indication, Seconds at 6 o'clock  |
| Winding:            | Manually wound  |
| Movement dimension: | Diameter 31.0 mm, height 4.95 mm  |
| Components:         | 127 (including jewels)  |
| Jewels:             | 21  |
| Escapement:         | Lever escapement with solid banking studs   |
| Oscillator:         | Free-sprung balance with adjustable inertia by four screws  |
| Hairspring:         | Nivarox with Breguet (Philips) terminal curve   |
| Frequency:          | 2.5Hz (18'000 vibrations per hour)  |
| Balance diameter:   | 11.70 mm (without screws)   |
| Power reserve:      | up to 50 hours  |
| Dial:               | Ruthenium coated 925 Silver with Oscillon tapisserie pattern<br>Or grand feu white enamel dial with blue inscriptions |
| Hands:              | Mirror polished brass with galvanic coating   |
| Crystals:           | Sapphire crystal with anti-reflective treatment   |
| Case:               | Stainless steel with screw-in case-back   |
| Crown:              | Stainless steel with replaceable gaskets  |
| Dimensions:         | Diameter 38mm, height 10mm  |
| Water resistance:   | 5 ATM   |
| Leather strap:      | Hand stitched Black or dark blue alligator leather with calf interior   |
| Buckle:             | Stainless steel pin buckle  |
| Price:              | CHF 155'000 + VAT   |