

DUKE First Edition, a 8-pieces limited automatic "Clarity Tourbillon" So mysterious, a transparent sapphire oscillating weight

Quintessential and subtle! From the Luxembourg Grand Duchy to the historical watchmaking terroirs of the Swiss Jura Valley, DUKE's "Clarity Tourbillon" eulogizes absolute purity. Its powerful design is at the heart of the 2023 watchmaking agenda.

Expertise in Chronometry and Master Complications. The development of an in-house caliber, the 9600, for eight timepieces only, is a matter of entrepreneurship daring driven by passion for the extreme and the rare. A strong message for collectors around the world and for some retail very special players.

Manufacture 9600 Caliber, an ultra-silent mysterious rotor

Right from the start, the DUKE brand has placed its timepiece among the greatest names in watchmaking. For there are only a few movements with the Tourbillon complication paired with the automatic winding complication.

Here, and this is quite specific, the oscillating weight is totally unnoticeable since it has been crafted in sapphire glass. Even better, listening to the piece while waving it by ear, one needs a keen sense of hearing to perceive the to-and-fro of the rotating rotor that runs on ceramic ball bearings. This oscillating weight, in a caliber beating at 21,600 vibrations per hour (i.e. a frequency of 3 Hertz), is no less efficient since it is generating a self-removing energy whose power reserve covers 72 hours.



A free of gravity Tourbillon

The other remarkable transparency of this 8-piece ultra-limited series is its vivid design, which, from a 100-degree opening with softened edges, is a celebration of the complicated Tourbillon mechanism. This horological complication and its floating cage provide a new perspective to Abraham-Louis Breguet's famous invention of over 200 years ago: a micromechanical structure that is performing its whole circumvolution every one minute, i.e. at a rate of 60 pulsations per minute.

Carbon fiber and grade 5 Titanium, individually hand-finished

The "DUKE Clarity Tourbillon" First Edition, with its touch of octogonality, is breathtaking. It merges the expertise of materials and the characteristic finishes of the horological craftsmanship. Water-resistant to minus 50 meters (equal to 5 atmospheres), its case structure and its bottom flanks are made of titanium-carbon fiber, while its bezel, including the lugs, as well as its case back and its crown, are made of Grade 5 Titanium, a material whose machining requires some extra soul and skill.



The handmade finishes are then twirling in a subtle festival of visual effects. High added human value touches: hand beveling, polished-mirror effects, reliefs made of alternating grained, sun-brushed or shot-blasted surfaces.



8 pieces limited edition

DUKE's Clarity Tourbillon – HR pictures

<https://bit.ly/3NIP8GI>

Technical specification

Manufacture Caliber

Ref. 9600, 30 jewels,
Frequency 21'600 alt/h (3 Hertz)
Hours & Minutes
Finishing touches exclusively by hand: angling, mirror polishing, straight and circular graining, sunray brushing, shot blasting

Complications

Tourbillon & self-winding
Mysterious & silent sapphire rotor
«Clarity» Tourbillon's cage
360°/ minute double sapphire bridges

Dial

Tinted sapphire shot-blasted
Appliques: 18k white gold (PD210) straight grained
Flange: 18k white gold (PD210) engraved mirror polished
Hands: 18k white gold (PD210) mirror polished

Case (water resistant 50 m)

Carbon fiber titanium cap
Titanium grade 5 bezel, case back, horns, crown, middle case



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Manufacture Grand-Ducale

With its own workshops in a stunning architectural location in Luxembourg as well as in the fabric of the watchmaking factories and ateliers in La Chaux-de-Fonds, the Manufacture Grand-Ducale enables the DUKE brand to grow under the flag of independency while relying on the age-old know-how of watchmaking, chronometry, and a sharp and pure aesthetic. A Manufacture's level of Maturity.

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