



KS05-TI-AGMS

KS 05
Central Floating Tourbillon

Titanium Moss Agate

UNIQUE PIECE
45mm, grade 5 titanium



Collection

The KS 05 encapsulates Kross Studio's aptitude for revolutionary timekeeping while maintaining the core principles of traditional watchmaking. This collection heralds a transformative era in luxury timepieces, effortlessly merging artistic craftsmanship, pioneering engineering, and distinctive personal expression. The KS 05 Titanium Moss Agate watch features a 45mm brushed titanium case housing a Moss Agate dial and the manufacture's iconic movement, the central floating tourbillon.



KS 7'005 Caliber

The KS 7'005, a manual winding mechanical movement counts 220 components including 27 jewels, and its construction provides exceptional performance. The main functions such as winding, energy accumulation, regulation, and display are coaxial and placed on the central axis. Thus, the barrel, whose diameter is larger than the radius of the plate, gives the movement a power reserve of 120 hours with chronometric performance.



KS 7'005 Caliber

The balance wheel overlooks the barrel, just like the tourbillon and its fixed seconds wheel, which are elevated above the movement and hands. A patented technical innovation, Kross Studio's central floating tourbillon offers a unique perspective on its complex mechanics.



Peripheral time display

The innovation of the KS 7'005 movement also lies in the peripheral hour display mechanism, achieved by a planetary gear system mounted on two ball bearings, freeing the tourbillon from any obstruction.



The dial

The KS 05 Titanium Moss Agate dial is composed of two distinct parts. The inner dial, made of moss agate is designed with an opening at 9 o'clock and is fixed on the movement's plate. It allows a glimpse of the fascinating mechanism of the movement and its traditional watchmaking finishes, visible between the filaments embedded in the stone.



The dial

The design and position of the outer dial offer a smooth aesthetic transition from the case to the movement, drawing TIME attention to its revolutionary central loading mourbillon. Circular satin-finish SE in alack PVP, it features an engleved railway track filled with white lacquer. The indexes are rhodium-plated, satin-finished, and filled with white Super-LumiNova®.



Moss Agate

Moss agate forms from mineral deposits within the cavities of volcanic rocks, acquiring a distinctive appearance with filaments or dendrites resembling moss inside. As a specific variety of agate, its transparency can vary depending on the density of the mineral deposits it contains, making each stone unique.



The 45mm case

The case is crafted from grade 5 titanium. Its circular satin finish lends it an elegant and modern aesthetic while providing a pleasant tactile sensation. Devoid of lugs, angles, or even a crown, the case presents a sleek profile that offers an ergonomic wearing experience.



A crystal dome

The KS 05 watch's domed and oversized sapphire crystal has received full technical attention: an anti-reflective coating has been applied to both its outer and inner surfaces and anti-UV and anti-static treatments have been applied inside the crystal, making it nearly invisible. It provides an unobstructed, panoramic view of the watch's inner workings.



Case back

On the back of the case, the Studio's signature cross emblem is delicately emphasized on the barrel bridge. The fully skeletonized design provides a deep insight into the meticulously detailed components.

The case incorporates a one-click interchangeable strap system, hidden on the case back, which allows the wearer to swap and update their watch strap with ease.

Technical Specifications

CASE

Diameter
45mm

Thickness
20mm

**Thickness without
crystal**
12.5mm

Material
Grade 5 titanium

Crystal
Dome-shaped anti-reflective sapphire crystal

Case Back
Grade 5 titanium

Crown
D-ring crown in grade 5 titanium

Water Resistance
30m or 3ATM

MOVEMENT

Caliber
KS 7'005

Functions
Manual-winding patented floating central tourbillon

Height
15.28mm

Overall Diameter
33mm

Power Reserve
5 days

Frequency
21'600 bph / 3 Hz

Jewels
27



Technical Specifications

DIAL & HANDS

Dial

Moss agate stone dial. Rhodium-plated inner bezel with a white decal railway

Hands

Rhodium-plated hour markers with white Super-LumiNova®

Hands

Rhodium-plated with white Super-LumiNova®

STRAPS & CLASP

Interchangeable Strap

Brown alligator leather, brown stitching, with black Alcantara lining

Green calf leather, green stitching, with black Alcantara lining

Clasp

Grade 5 titanium deployant buckle clasp