

# ASTRONOMIA TOURBILLON BLACK CERAMIC

**J&Co**  
JACOB & CO  
GENÈVE

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The Astronomia Tourbillon is a truly unique, groundbreaking timepiece that elevates the art of watchmaking above the Earth, above time. Combining the highest level of Swiss timepiece craftsmanship and the horological decorative arts to create a watch that is a poetic visual rendering of the celestial world –with every element in constant, visible motion, all under the control of the oscillator at the heart of the three-axis tourbillon with an orbital display of the hours and minutes.



## Technical Specifications

**Item Number:** AT140.95.AA.SD.A

**Movement:** Manufacture Jacob & Co. Manual Winding JCAM18; Diameter: 40mm; Height: 17.15mm; Components: 365; Material: Titanium; Power Reserve: 60-Hours; Frequency: 21'600 vib/h (3 Hz); Jewels: 42; System: Gravitational Triple Axis Tourbillon; Finishing: Plate and Bridges: Hand Angled and Polished, Flank Draw, Circular Graining, Polished Sink; Hand-Polished Screws; Barrel: Circular Graining; Pinions: Conical Pinions, 4 Mechanical Ball Bearing Devices; Flat Balance Spring.

**Functions:** Hours, Minutes Dial Rotating in 10 min on the Central Axis, Patented Differential Gears System; 288 Facets Spherical Diamond Rotating in 30 sec on 2 Axes (Weight: 1 carat; Exclusive Jacob cut) Magnesium Lacquered Globe Rotating in 30 sec on 2 Axes; Gravitational Tourbillon Cage Rotating on 3 Axes: 1st Axis: in 60sec, 2nd Axis: in 2.5min, 3rd Axis: Central Axe in 10min.

**Case:** 50mm; Thickness: 25mm; Material: Black Ceramic; Sapphire Apertures on Sides Case Back: Black Ceramic; Bows: Winding and Time-Setting via Black DLC Grade 5 Titanium lift-out rotating "bows" at case back; Skylayer Front Case: Aventurine; Crystal: Unique Domed Sapphire with Anti-Reflective Treatment; Water resistance: 30m (ISO 2281).

**Dial & Hands:** Titanium Dial, Hand- Engraved, Lacquered Indexes, Diamond Finish; Hands: Hand Finished Blue.

**Strap & Clasp:** Alligator; Clasp: Black DLC Grade 5 Titanium Folding Buckle.

**Limited Edition:** 18 Pieces; Individually Numbered Pieces.