

757 DIAPAL

Page 1 / 3
May 2024

The Duochronograph with captive bezel and DIAPAL.



- Case made of stainless steel, satinized
- Case made with TEGIMENT Technology and therefore especially scratch-resistant
- DIAPAL – the lubricant-free anchor escapement
- 5 years guarantee
- Ar-Dehumidifying Technology enhances functional reliability and freedom from fogging
- Magnetic Field Protection up to 80,000 A/m
- Functionally reliable from -45 °C up to +80°C
- Sapphire crystal glass
- Nickel-free case back without TEGIMENT Technology
- Second time zone on a 12-hour basis
- Captive pilot's bezel with minute ratcheting
- Anthracite electroplated dial
- Pressure-resistant to 20 bar
- Low pressure resistant



SPEZIALUHREN ZU FRANKFURT AM MAIN

Page 2 / 3
May 2024

The 757 series pilot's watches unite all our core watchmaking competencies: these are instrument watches with a consistently functional design which honour the tradition of our navigation cockpit clocks.

The features include Magnetic Field Protection of up to 80,000 A/m, Ar-Dehumidifying Technology and pressure resistance of up to 20 bar. The pilot's bezel make these watches perfect, all-purpose instruments.

The stainless steel pilot's bezel with minute ratcheting can be rotated on both sides and features a special mechanical system developed by Sinn to protect against loss. Like the case material, the base of the bezel is tempered with TEGIMENT Technology. The labelling is silver on an inset, black anodised aluminium ring to ensure optimal scale readability. A luminous triangle serves as the 0 / 60 minute mark. The rotating pilot's bezel can be turned in both directions and clicks firmly and audibly into place at minute intervals.

The special in this instrument chronograph is the DIAPAL Technology. First developed by Sinn in 2001, it is now in successful practical use.

The starting point for our considerations back then was the critical feature of every mechanical watch: the aging of the oil, particularly around the Swiss anchor escapement, and the accompanying adverse effects on the accuracy of the movement. Theoretically, it was only a small step from the analysis to the solution: where there's no oil, there's no aging. However, this concise expression required numerous tests in practice. The technology is documented by the DIAPAL logo on the anthracite dial.

SINN SPEZIALUHREN GMBH

Wilhelm-Fay-Straße 21 • 65936 Frankfurt am Main • Tel. +49 (0)69 / 97 84 14-0 • Fax +49 (0)69 / 97 84 14-201 • info@sinn.de • www.sinn.de
Geschäftsführer: Dipl. Ing. Lothar Schmidt • Amtsgericht Frankfurt am Main • HRB 38841 • USt.-ID.: DE249383321 • WEEE-Reg.-Nr.: DE75393444

Technical details

Page 3 / 3
May 2024

Mechanical Movement

- Valjoux 7750 GMT
- Self-winding mechanism
- 25 bearing jewels
- 28,800 semi-oscillations per hour
- Seconds stop function
- Anti-magnetic as per DIN 8309

Case

- Case made of stainless steel, satinized
- Sapphire crystal glass in front, anti-reflective on both sides
- Case back screw-fastened, nickel-free
- Crown screwable
- Meet the technical requirements for waterproofness, as set out in standard DIN 8310
- Pressure-resistant up to 20 bar
- Low pressure resistant

Functions

- Hours, minutes
- Second time zone on a 12-hour basis
- Date display
- Chronograph
- Pilot's bezel with minute ratcheting and luminous key mark

SINN Technologies

- TEGIMENT Technology, therefore especially scratch-resistant
- DIAPAL Technology, lubrication-free escapement
- Captive bezel
- Ar-Dehumidifying Technology enhances functional reliability and freedom from fogging
- Temperature resistance technology, therefore functionally reliable at temperatures from -45 °C up to +80°C
- Magnetic Field Protection up to 80,000 A/m
- Push-pieces with D3-System

Dimensions and Weight

- Case diameter: 43 mm
- Band lug width: 22 mm
- Case thickness: 15 mm
- Weight without strap: 111 gramme

Dial and Hands

- Anthracite electroplated dial
- Number "12" coated with luminescent colour
- Hour and minute hand coated with luminescent colour

Warranty

- 5 years