

## 756 DIAPAL

The Duochronograph with 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
- Anthracite electroplated dial
- Waterproof and pressure-resistant to 20 bar
- Low pressure resistant

The 756 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 of the 756 chronographs series include Magnetic Field Protection of up to 80,000 A/m, Ar-Dehumidifying Technology enhances functional reliability and freedom from fogging, TEGIMENT Technology and therefore especially scratch-resistant, functionally reliable from minus 45°C up to plus 80°C and pressure resistance of up to 20 bar.

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.

## Technical details

### 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
- Waterproof and pressure-resistant to 20 bar
- Low pressure resistant

### Functions

- Hours, minutes
- Second time zone on a 12-hour basis
- Date display
- Chronograph

### SINN Technologies

- DIAPAL Technology, lubrication-free escapement
- TEGIMENT Technology, therefore especially scratch-resistant
- 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: 40 mm
- Band lug width: 20 mm
- Case thickness: 14 mm
- Weight without strap: 91 gramme

### Dial and Hands

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

### Warranty

- 5 years