

103 Ti DIAPAL

The traditional pilot chronograph with new technologies.



- Case made of titanium, bead-blasted
- Column wheel chronograph, exquisitely decorated
- DIAPAL – the lubricant-free anchor escapement
- Ar-Dehumidifying Technology enhances functional reliability and freedom from fogging
- Second time zone on a 12-hour basis
- Sapphire crystal glass
- Transparent back made of sapphire crystal glass
- Captive pilot's bezel with minute ratcheting
- Functionally reliable from -45 °C up to +80°C
- Anthracite electroplated dial
- Water-resistant and pressure-resistant to 20 bar
- Low pressure resistant

It's obvious at a glance what the 103 model series was created for: uncompromising functionality. They are designed to resemble cockpit instruments, in keeping with our company tradition. After all, the first watches we produced were mechanical aviation clocks for professional use. The patented technologies we have developed over the years are now also part of this classic Sinn chronograph.

The 103 Ti DIAPAL with its bead-blasted titanium case features a lubricant-free escapement (DIAPAL Technology). We use special combinations of materials that create no friction, even without lubrication, thus ensuring the long-term accuracy of the movement. To perfect the technical design, this model is equipped with Ar-Dehumidifying Technology. The movement is embedded in an environment that is almost completely dry. This reduces aging and prevents the crystal from fogging when exposed to sudden cold, and ensures reliable functionality and accuracy for a longer period of time. If you are looking for a traditional pilot's chronograph equipped with a second time zone, a captive pilot's bezel and the latest technology, you will appreciate this model.

Technical details

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Mechanical Movement

• *The information on the mechanical movement corresponds to the current production situation in Frankfurt am Main. Due to technical changes, it may happen in individual cases that stock items of our sales partners deviate from this information. ([further information](#))*

- LJP 8000
- Self-winding mechanism
- 28 bearing jewels
- 28,800 semi-oscillations per hour
- Seconds stop function
- Anti-magnetic as per DIN 8309

Case

- Case made of titanium, bead-blasted
- Sapphire crystal glass in front, anti-reflective on both sides
- Transparent case back made of sapphire crystal glass, anti-reflective on the interior
- Case back screw-fastened
- Crown screwable
- Meet the technical requirements for water-resistance, as set out in standard DIN 8310
- Water-resistant and pressure-resistant to 20 bar
- Low pressure resistant

Functions

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

SINN Technologies

- 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

Dimensions and Weight

- Case diameter: 41 mm
- Band lug width: 20 mm
- Case thickness: 17,2 mm
- Weight without strap: 69 gramme

Dial and Hands

- Anthracite electroplated dial
- Numbers and indices coated with luminescent colour
- Hour hand, minute hand and Stopwatch second hand coated with luminescent colour

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Warranty

- 5 years

SINN SPEZIALUHREN GMBH

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