

F.P.JOURNE

Invenit et Fecit

User manual / Centigraphe Sport - Ref. CTS2
A unique design based on an exclusive mechanism

**When buying this watch,
you are contributing to the support of the ICM**



Because disorders of the brain and spinal cord now affect more than one person out of eight, they constitute a genuine public health issue which concerns each and everyone of us.

Disorders of the brain and spinal cord_

The brain and its extension, the spinal cord, make up the nervous system. If its natural functioning is disturbed or interrupted as a result of a disease or an accident, there may be direct consequences causing motor, intellectual and psychological handicaps. Due to the impact on the personal, family and professional lives of the victims, these conditions call for universal involvement.

Number of persons affected worldwide by the five largest pathologies_

Alzheimer / 24 millions

Nervous Breakdown / 12 millions

Epilepsy / 50 millions

Parkinson / 6.5 millions

Multiple Sclerosis / 2.5 millions

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François-Paul Journe, Jean Todt, Gérard Saillant

Since its creation, the ICM has benefited from the support of personalities from the world of sport, culture, business... As founder members of ICM, they have all opted to invest in this project to ensure its success.

The Centigraphe supports the ICM Institute in Paris for the research against brain and spinal cord diseases_

You too, like the many notable personalities who have committed themselves to this project, can assist the ICM in advancing the research in the fight against brain and spinal cord disorders.

ICM, founder members_

Jean Todt Chairman of the FIA (Fédération Internationale de l'Automobile) / **Gérard Saillant** Professor of orthopaedic and trauma surgery, the ICM Foundation Chairman / **Michael Schumacher** Formula 1 Champion / **Yves Agid** Professor of neurology and neuroscience / **Luc Besson** Film director / **Louis Camilleri** Chairman of Altria / **Jean Glavany** Former Minister, The ICM Foundation Executive Manager / **Maurice Lévy** Chairman of the Publicis Group Board / **Olivier Lyon-Caen** Professor of neurology / **Jean-Pierre Martel** Lawyer / **Max Mosley** Former Chairman of the FIA / **Lindsay Owen Jones** President of l'Oréal / **Serge Weinberg** Chairman of the Accor Board, the ICM Foundation Treasurer / **Michelle Yeoh** Actress, God Mother of ICM / **Jean Reno** Actor, God Father of ICM.

You can show your support by sending your donations by post to ICM or online to www.icm-institute.org



J.P. Parente-ICM

Laying of the first stone for the new ICM building in Paris, in presence of François-Paul Journe and the ICM founding members. **June 18, 2008**



ICM building in the heart of the Pitié-Salpêtrière's hospital
in the 13th district of Paris.

The Centigraphe Sport

Movement entirely in Aluminium with Titanium case and bracelet_

F.P.Journe strengthens its lineSport with the new Centigraphe Sport model in Titanium with Aluminium movement. A distinctively innovative watch of astounding lightness, thought and conceived specifically for sportive activity.

This collection has been inspired by an important collector, aficionado of F.P.Journe watches, who committed himself in numerous marathon and triathlon competitions and wished to have a light sports watch, coupled with a movement of authentic high horology. With its measure of a 100th of a second, the Centigraphe Souverain seemed to be the perfect match to excel in his sporting activities, where every second is counted.

As in everything he undertakes, this collector goes beyond his ambitions and commits himself with an absolute determination to achieve his goal. In order to outshine in this new field, he changed his lifestyle drastically. From epicurean, he became a master of dietetics and managed to loose a tremendous amount of weight in a record time, while maintaining exceptional health.

F.P.Journe wanted to pay tribute to the mental and physical achievement of this business man, who just like himself, started from scratch to become one of the biggest success stories and turned out to be an extreme sportsman, sacrificing everything to his passion.

A Chronograph unlike any other calculating the 100th of a second_

F.P. Journe undertook long researches to find an ultra light and resistant material to receive his exceptional calibres; while maintaining the standards of high horology that inhabit its everyday life. The Centigraphe Sport thus presents the very first F.P. Journe movement entirely made of Aluminium, in the search for absolute comfort and extreme light-ness. The watch in its totality only weighs 75 grams.

The passage from 18K rose Gold, used for all the F.P. Journe movements, to Aluminium was not without difficulty, for obvious technical reasons. F.P. Journe took his research to a higher level in an aesthetical quest to complete an appropriate contrast in colours.

Rubber inserts are fixed with an outstanding process to the end of each link of the bracelet, the sides of the case and the titanium crown in order to efficiently protect the watch from any chocks, just like the bumper of an ancient automobile.

The folding clasp in Titanium, engraved with the F.P. Journe signature is also covered with a rubber coating. In addition, it offers an adjustment system of a half link size (4mm approx.).

Godfather of the Centigraphe Souverain, Jean Todt remains the initiator of F.P. Journe's engagement towards the ICM, Institute of Brain and Spinal Cord in Paris, to help fight diseases such as Alzheimer's, Parkinson's, and Multiple Sclerosis...

In purchasing the Centigraphe Sport, in line with the Centigraphe Souverain, you are also supporting the medical research carried out by the ICM. F.P. Journe has committed to donating 30% of the profits from the sale of each Centigraphe Sport to the ICM, with no time limit.

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Patented ergonomic chronograph_

The chronograph is started, stopped and zeroed by a rocker at 2 o'clock in the case band, instead of the usual buttons on either side of the crown. This ergonomic design, perfectly fitted to the wristwatch, is patented.

A second patent was granted for the mechanism's ingenious configuration, which effectively isolates the chronograph from the timekeeping function. This means the balance amplitude is unaffected when the chronograph is running.

The hands of the 100th of a second counter, the 20 seconds, and the 10 minutes hand are driven by 2 different wheel trains, themselves driven by the centre of the mainspring (system patented for the *Sonnerie Souveraine*). Another separate train of wheels, also driven by the barrel arbor, drives the 10-minutes hand.

The 20-seconds and the 10-minutes hands arbors are zeroed by hammer levers acting on snail cams. The 100th of a second hand is stopped at zero by a beak protruding from its pinion, which presses on a lever and thus blocks the chronograph train.

One ingenious feature of the 100th of a second is that it may be stopped anywhere along its one-second journey around its dial, even between two 100th-second divisions, enabling a fractional reading.

The 100th of a second's hand, released by the watch's escapement, makes one revolution of the dial per second. A wheel mounted on the escape wheel (4th wheel of the going train) releases the arbor to which the hand is fitted. The seconds are driven by the going train from the barrel, and by the energy of the chronograph train, as transmitted by the barrel arbor. This is achieved by vertically disengaging the pinion of the 100th of a second hand from that of the escapement, which presses on the pivot shank and acts as a brake.

The barrel features a maintaining power system in order to ensure that the driving force does not decrease during winding. The mainspring supplies at least 100 hours of power reserve without the chronograph, and 24 hours with the chronograph running.

The crown_

Winding:

Pull the crown out to position **1** and turn forwards it until it stops.
The spring for the time of day and the chronograph will be fully wound.

Setting the time:

Pull the crown out to position **2** and turn it back to bring the hands to the right time.

Please note!

Push the crown back to position **0** for the watch to work.

Rocker arm_

3 / Stopping and starting the chronograph :

Press once to start the three chronograph hands.

Press once more to stop the chronograph.

It is unnecessary to restart the chronograph because there are no split hands.

4 / Return to zero :

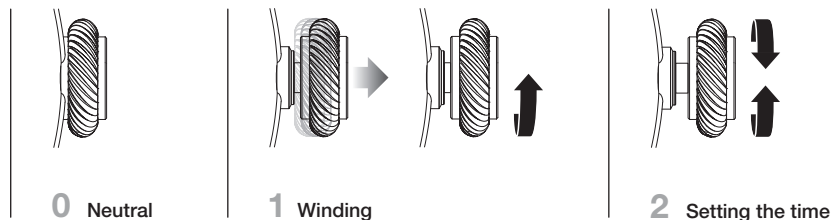
When the chronograph has stopped, press once to return the three chronograph hands to zero.

The chronograph will not return to zero while it is running.

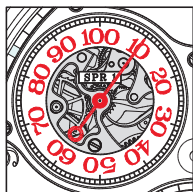
Important!

The Centigraphe measures events for a length of 10 minutes maximum.

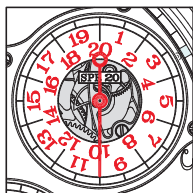
We wouldn't guarantee the precision for an event exceeding this length of time.



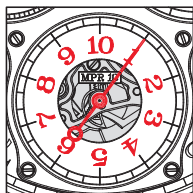
IN RED
TIME SCALE



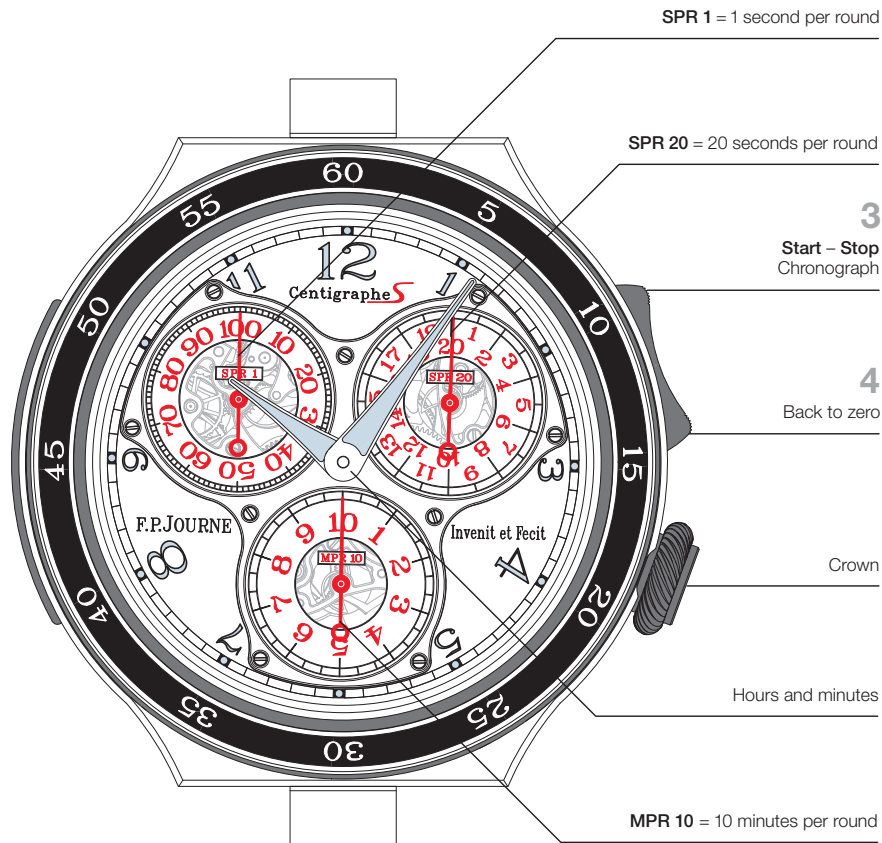
1km in 1/10th of a second
= 36'000 km/h



1km in 10 seconds
= 360 km/h



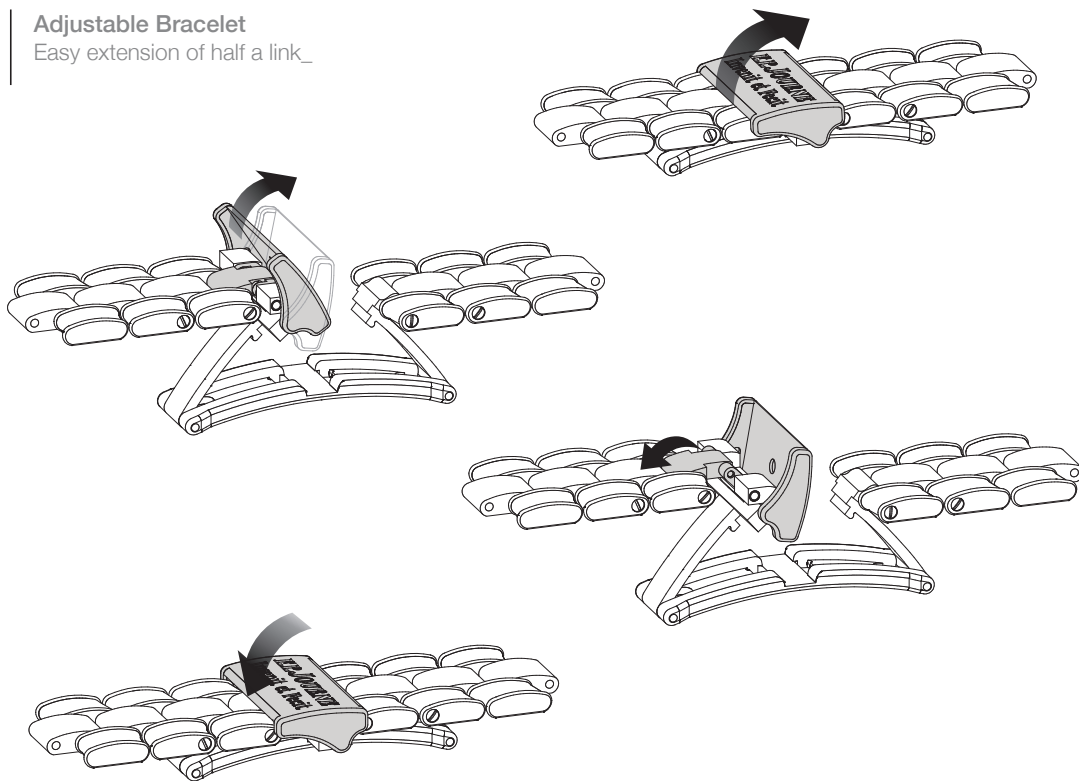
1km in 1 minute
= 60 km/h



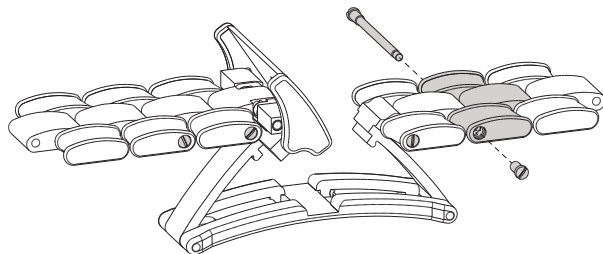
The sapphire counter sub dials are fixed by a Titanium circle screwed* on the dial. *Registered system.

Adjustable Bracelet

Easy extension of half a link_

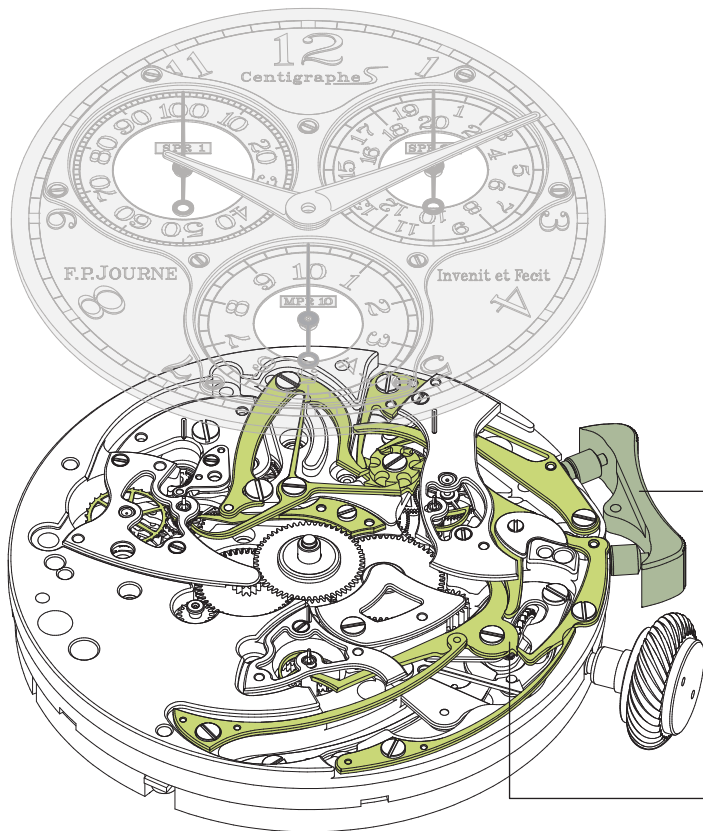


Shortening the bracelet
of 1 or 2 links_



Mechanism of Centigraphe Sport

Patented system EP



Patent - Switch
EP 1818734 A1

Patent - Chronograph
EP 07405107

Specifications

Movement_	Calibre 1506 Manual winding / 18 turns Movement in aluminium alloy
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Dimensions of the movement_	Overall diameter :	34.40 mm
	Casing-up diameter :	34.00 mm
	Overall height :	5.60 mm
	Height of winding stem :	2.69 mm
	Height of hands :	1.45 mm
	Diameter of stem thread :	S1.20 mm

Balance_	Free-sprung balance Four adjustable inertia weights Anachron balance spring Mobile stud holders Pinned GE stud Laser soldered balance spring	
	Frequency :	21,600 v/h, (3Hz)
	Inertia :	10.10 mg*cm ²
	Angle of lift :	52°
	Amplitude :	0h dial up : > 320° 24h dial up : > 280°

Escapement_	In-line lever escapement 15-tooth escape wheel
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Indications_	Central hours and minutes 1-second chronograph hand at 10 o'clock. 20-seconds chronograph hand at 2 o'clock. 10-minutes chronograph hand at 6 o'clock.
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Chronograph_	Separate chronograph train driven directly from the mainspring. 1/100th second readout	
Power reserve_	80 hours with the chronograph stopped 24 hours with the chronograph running	
Finish_	Circular stripes on the bridges Circular graining on the baseplate Polished screw heads with chamfered slots Pegs with polished rounded ends Straight-grained steel work	
Case_	Titanium with rubber inserts Diameter: Total height:	44 mm 11.20 mm
Dial_	Aluminium alloy and transparent sapphire Superluminova hands Superluminova appliqué numerals 12 luminescent points	
Number of parts_	Movement without dial: Cased up with bracelet: Jewels	284 561 50
Weight_	Total weight: Movement alone: 3 sapphire glass sub dials:	75 g 12 g 7 g

Maintenance_

Your wristwatch should be serviced once **every four years** to maintain its precision.

Important_

Keep the original warranty card supplied with your wristwatch carefully. Your authorized **F.P. JOURNE** retailer will need this identity card for any after sales servicing. For all maintenance or repair, your wristwatch must be entrusted only to an appointed **F.P. JOURNE** agent.

Warranty_

Your **F.P.Journe - Invenit et Fecit** watch is covered by a warranty against any manufacturing flaws for a period of **2 years** as of the date of purchase appearing on the back of the warranty card or certificate. The warranty is valid only on presentation of the original card or certificate, duly filled out by the authorised retailer (serial number, date of purchase, retailer's stamp). The warranty does not cover normal wear or damage resulting from abnormal use of the watch, accidents or alterations.

Warranty extension_

If your **F.P.Journe - Invenit et Fecit** watch was purchased at an **F.P.Journe Boutique**, your watch is automatically covered for a period of **3 years** as of the date of purchase appearing on the back of the warranty card or certificate. If your watch was purchased at an **authorized retailer**, we kindly invite you to register on <https://customerservice.fpjourne.com/en/guarantee> during the 30 days following the initial date of purchase to benefit from **an additional year of warranty**.