F.P.JOURNE Invenit et Fecit

ENTIRELY INVENTED AND MANUFACTURED IN-HOUSE



#### IN THE HEART OF WATCHMAKING PASSION

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# OF WATCHMAKING HEART 出エト

## PASSION N

### EXCELLENCE CREATIVITY INDEPENDENCE







#### AT THE HEART OF WATCHMAKING PASSION

The F.P. Journe Manufacture has a unique founding principle: to innovate, uphold, and if possible, surpass the high standards of Haute Horology. It makes a point of conceiving and producing its precise mechanical watches completely independently and in small series. It is a world of its own, engaged in a constant quest for perfection, excellence, expertise and innovation.

Since 1977, F.P. Journe's search for exceptional horological creations and unrelenting work have made its Haute Horology Manufacture a reference among the most prestigious of horological firms. Its listed building dating from 1892, which houses the Geneva Manufacture in a total of 2,000 m² on three floors, is a place of tremendous creative activity. Everything has been done to verticalise production, creating time measurement instruments with authentic in-house calibres. A second building hosts the Cadraniers and Boitiers workshops in which the crafting of precious metal and decorations demonstrate perfect mastery of techniques and exceptional artisanal know-how. F.P. Journe produces close to 900 precision watches per year, working with a team of watchmakers and specialised artisans who are proud to work with a horological creator whose desk is also his workbench.

This vision of watchmaking without compromise, in which mechanical innovation and quest for precision join together in a common respect for tradition, has given rise to new mechanisms: the Chronomètre à Résonance, the Tourbillon Souverain with remontoire and dead-beat seconds, the ultra-flat Répétition Souveraine and the Sonnerie Souveraine.

F.P. Journe's innovations, which are always designed by François-Paul Journe himself, with his loupe over one eye and his tools in hand, are individually tested to determine their feasibility. The "Invenit and Fecit" label, which is engraved on the dials and 18 K rose Gold movements, is a pledge of Quality. It highlights the importance of the in-house calibre, which is exclusively designed and produced in the Manufacture's workshops. This motto appeared on the watches made by the great French master horologists of the 18th century after they had become members of the Royal Academy of Science.

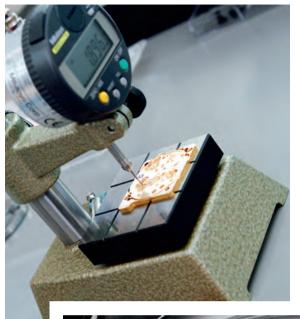
F.P. Journe has chosen an exclusively integrated production in order to guarantee his clients completely original creations. Today, the eminently successful independent F.P. Journe Manufacture prides itself on its high-level technicians and remarkable watchmakers, and testifies to the lasting influence of its creator on today's haute horology universe. It is able to produce in-house nearly 100% of the components necessary for the production of the watches that are assembled exclusively in its workshops.

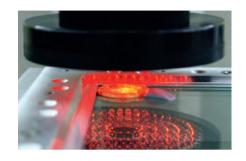
<sup>1</sup> Showroom of the F.P. Journe Manufacture.

<sup>2</sup> Jean-Claude Sabrier's library.

<sup>3</sup> F.P. Journe Manufacture in the centre of Geneva.











#### EXCELLENCE, CREATIVITY, INDEPENDENCE

INVENIT ET FECIT

F.P. Journe - Invenit and Fecit - certifies that its movements are entirely designed and produced in the ateliers of its Geneva Manufacture, as is stated by its "Invenit and Fecit" label that appears on every dial and movement. Excellence, Creativity, and Independence are the three key words that define this watchmaker who received the highest international horological awards.

F.P. Journe is the only Manufacture in the world to make the movements of its exclusive mechanical time-keepers in 18 K rose Gold, except for those of the lineSport and élégante models, a first in the world of watchmaking. State-of-the-art machines and instruments are absolutely essential to achieve the required level of perfection, as it is just as important to perpetuate horological traditions, since many operations are done by hand and require a high level of dexterity and precision.

Each F.P. Journe "Invenit and Fecit" movement features the brand's exclusive original calibre, which is perfectly finished and remarkably decorated. Their completely integrated movements have no additional modules, whether it be for a three-hand watch or a grand complication. They can be found nowhere but in an E.P. Journe watch.

François-Paul Journe invents and conceives mechanical watches with extreme complications. Between the modernity of machines and the numerous operations done manually with an infinite precision, the watchmakers perform all the stages of assembly from beginning to end, including the delicate phases of rating and testing. A privilege long lost in a more and more segmented industry. To each watch its watchmaker - that is the rule at F.P. Journe, and that is why the production will always remain extremely limited.

F.P. Journe perpetuates the long history of watchmaking and pays homage to the Age of Enlightenment\* by investigating the most important domains in horological science, and by promoting the unique craft of time measurement. The brand has become a subtle link between the horology of yesterday and that of tomorrow.

#### Age of Enlightenment

Began in 1670 and lasted until 1820. During this period, called the "Siècle des Lumières" in French, many different kinds of revolutions took place. During this century, important events took place in every area of life, including science, literature, the social sciences, and art.

- Controlling measurements.
- Optical measurements.
- 3 Dial of the Octa UTC.
- 4 Oscillating mass of the calibre 1300.3.
- 5 Watchmakers at their workbench.













#### EXCELLENCE, CREATIVITY, INDEPENDENCE EXCLUSIVE AND INNOVATIVE MECHANISMS

For F.P. Journe, excellence is horological alchemy: it means the highest quality for his watches, their rarity, and of course, chronometric precision. The brand protects and defends the legitimacy and integrity of haute horology's fundamental principles because its Master's conception of watchmaking derives from horological values going back to the quest for precision that began in the 18<sup>th</sup> century.

Very few people truly understand watch movements. A composer would never try to write music without first having listened to, and understood, Mozart and Beethoven. When someone is truly interested in his profession he always seeks to understand its sources and origins.

François-Paul Journe's integrity in creating innovative watches naturally makes him a link between the Golden Age of horological science and contemporary watchmaking. He has quickly gained renown through his creations, which are world's premieres due to their high performance and unprecedented technical conception.

His exclusive and innovative movements have been protected by numerous patents such as for the Tourbillon Souverain with constant force remontoire and dead beat second, the ultra slim Répétition Souveraine or the astounding Sonnerie Souveraine. They have granted F.P. Journe the most prestigious watch awards around the world.

OUR MECHANISMS PROVE THAT THE GREAT HOROLOGICAL TRADITION CAN BE EXTREMELY CONTEMPORARY

AND INNOVATIVE

"

<sup>1</sup> Bevelling of the Sonnerie Souveraine gong.

<sup>2</sup> Movement of the Chronomètre à Résonance.

<sup>3</sup> Fastening the gongs of the Sonnerie Souveraine.

<sup>4</sup> Encasing of the Octa Automatique Réserve.

<sup>5</sup> François-Paul Journe at his workbench.











#### **EXCELLENCE, CREATIVITY, INDEPENDENCE**A SUBTLE BALANCE BETWEEN AESTHETICS AND MECHANICS

F.P. Journe "Invenit and Fecit" chronometers have a unique visual identity, reflecting a new vision of contemporary watchmaking. Their dials are faces whose elegant "features" are much more than mere time displays: they reveal the heart of each watch.

One of the most unusual things about an F.P. Journe watch is that their creator designs their "face" before he begins to invent their mechanism! On their dials, he arranges the displays revealing the subtleties of their mechanical hearts, without any thought as to whether it would make the technician's job harder if a display was placed on the right or on the left. When it comes to aesthetic perfection, he makes no concessions.

It is very rare to find a watchmaker who designs watches in their entirety. François-Paul Journe indulges all his whims and fancies, since he always "pays the price" - that is, long hours spent at this workbench in order to adapt the mechanism according to the requirements of beauty and balance.

The unusual dials of F.P. Journe watches immediately draw the attention of connoisseurs. Their reverse sides are no less spectacular, for their sapphire crystal backs reveal their exclusive 18 K rose Gold mechanisms.

To grace his high-performing mechanisms, François-Paul Journe has chosen to make cases in the most precious of metals, Platinum and red Gold, which do not lose their incomparable elegance over time. The case hugs the wrist comfortably and is complemented by a variety of hand-sewn leather straps with ardillon buckle or deployant clasp. Platinum and red Gold versions of the bracelet, with deployant clasp, offer maximum comfort in every climate.

11

THE CREATIVE PROCESS OF THIS
WATCHMAKER OF EXTREMES DEMANDS
THAT EACH NEW TIMEPIECE HAS
ITS OWN NEWLY DESIGNED AND
EXCLUSIVE MECHANISM.

"

<sup>1</sup> Steel case of the Sonnerie Souveraine.

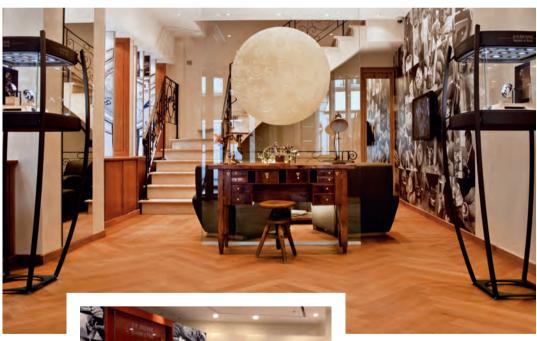
<sup>2</sup> Dial of the Sonnerie Souveraine.

<sup>3</sup> Movement of the Sonnerie Souveraine.

<sup>4</sup> Circular graining of the Sonnerie Souveraine rack.

<sup>5</sup> Minutes hammer of the Sonnerie Souveraine.











- Hong Kong
   New York
   Paris
   Beijing

- 5 Geneva6 Miami7 Los Angeles8 Tokyo

#### EXCELLENCE, CREATIVITY, INDEPENDENCE

BOUTIQUES AND ESPACES

In this continual quest for perfection, at the crossroads of Art and Haute Horology, F.P. Journe offers unprecedented and timeless watches that sublimate traditional values. Resolutely modern, they fulfil the intrinsic demands of collectors and lovers of authentic horology.

Because the exceptional F.P. Journe timepieces of watchmaking art deserve to be brought out to their true dimension and to serve its clients at best, the brand opened a network of international points of sale which are selected with the greatest care and reflect the brand's exclusive criteria of perfection.

François-Paul Journe invents and designs extremely complex mechanical watches. He therefore wanted to offer his clients unique venues and excellent service, in accordance with his professional philosophy and ethics. Thus was created the network of F.P. Journe Boutiques and Espaces. Today F.P. Journe has opened 10 Boutiques around the world: Geneva, Paris, Tokyo, New York, Miami, Los Angeles, Boca Raton, Hong Kong, Beijing and Beirut.

Each Boutique has been designed by François-Paul Journe in harmony with the concept of his brand. Their elegant décor, including a salon, a library containing numerous books on watchmaking, and a bar where collectors may discuss their common passion, draws visitors into the brand's fascinating and exclusive horological universe.

In these prestigious horological salons, clients may discover the complete collection of the Brand as well as special editions or Limited Series that are exclusively reserved for them such as the Boutique editions or the Black Label Collection.



Espace Taipei

# S CHARACTERISTIC EXCLUSIVE

CHRONOMETRY ARE THE ESSENCE OF
ALL F.P.JOURNE WATCHES. THE EXCLUSIVE
CHARACTERISTICS SETTING THEM
APART FROM ALL OTHER WATCHES ARE
THEIR NOBLE AND UNCLUTTERED AESTHETICS
AND THEIR EXEMPLARY AND INNOVATIVE
MOVEMENTS.

#### **EXCLUSIVE**CHARACTERISTICS



The dial, undisputable face of the watch is entirely made in our Cadraniers de Genève workshops. Their elegant features go beyond mere displays; they reveal the hidden secrets of the mysterious and essential mechanical gears making up the exclusive Haute Horology movement of each watch. This elusive and timeless spirit embodies both modernity and tradition.

#### 2 The large date

The patented large date is designed to be ultra-flat.

The two concentric discs bearing the numerals, ensuring maximum legibility, are encircled by a driving wheel.

#### The hands

The simple and elegant teardrop-shaped hands are made of blued Steel. They indicate the hours, minutes and seconds, as well as the power reserve of our precious chronometers.

#### **EXCLUSIVE**CHARACTERISTICS

#### 4

#### The movement

The essence lies at the very heart of these exceptional movements. F.P. Journe is the only Manufacture in the world that produces its exclusive movements in 18 K rose Gold (with the exception of the lineSport and élégante models), a first in the world of watchmaking, and one of the brand's distinguishing characteristics. Signed with the label "Invenit and Fecit" each exclusive movement features a calibre that has been entirely designed and manufactured in our workshops in the centre of Geneva.



#### 5 The balance

Traditional watches with long power reserves suffer from sensibility to shocks and disturbances of their small balances. All F.P. Journe chronometers have an exclusive large diameter, a four-arm balance that ensures greater stability and a higher degree of precision.





The cases, made in our Boîtiers de Genève workshops, are produced in the world's most precious metals: Platinum, red Gold, Tantalum and Steel.

Each watch has its own reference, with an identity number engraved on the case back.





#### EXCLUSIVE

CHARACTERISTICS

#### 7

#### The crown

The winding crowns of F.P. Journe "Invenit and Fecit" watches have a knurled silk cord pattern.

#### 8

#### The bracelet

The bracelets are designed with the same care as the watches themselves; they are available in Platinum, red Gold, Titanium and Steel.



### Z O $\vdash$ 4 ⊢ C U ш O O C

THE OCTA COLLECTION IS THE REFLECTION

OF AN AUTOMATIC CALIBRE DEVELOPED

TO INCORPORATE VARIOUS COMPLICATIONS.

A TRUE CHRONOMETER ACHIEVES THE OPTIMAL

BALANCE BETWEEN FORCE, WINDING SPEED,

AND EFFICIENCY.

#### INCORPORATING THE FUTURE

#### INTO TODAY'S DESIGNS

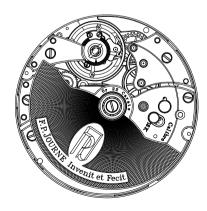
The diversity of the complications incorporated into the same calibre in the Octa Collection means that the watchmakers must be very open minded and adaptable. They must completely master the automatic movement in order to be able to incorporate the multiple technical variations, which often have unusual-and sometimes revolutionary-dimensions.

When François-Paul Journe decided to create a range of automatic wristwatches, he had two main goals: to enhance rating performance and to design a collection whose models were all of the same dimensions.

With his extraordinary conception of spatial design, François-Paul Journe was able to meet both these challenges with the automatic winding Octa calibre. Designed to have a diameter of 30 mm and a thickness of 5.7 mm whatever the incorporated complication, it has made its mark as the first automatic movement with a power reserve sufficient to insure precision timekeeping for over five days (120h) when not worn.

Traditionally constructed watches with a long power reserve generally suffer from the fact that their small balance is susceptible to shocks and the motions of the wrist. François-Paul Journe imagined a compact design with a large balance (10.1 mm for the Octa calibre), with a high level of inertia and thus insuring great stability of rate. The balance, with no index, beats at a frequency of 21,600 vibrations per hour. It is dynamically poised for five positions. The inertia blocks allow fast/slow adjustment by changing its radius of gyration, without affecting the balance spring.

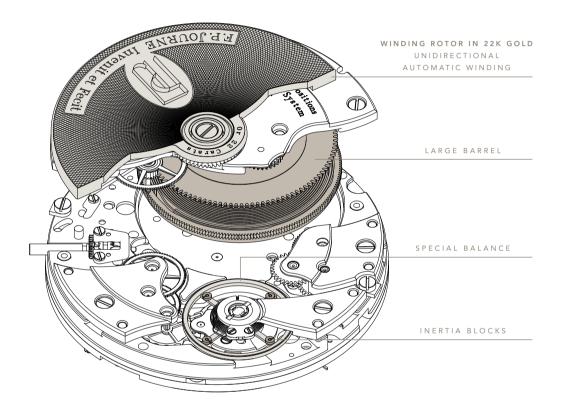
The Octa collection is designed for all lifestyles, from the most active to the most relaxed.



#### CALIBRE

1300.3

#### PATENT - EP 1 760 544 A1



#### The Octa calibre

The calibre Octa 1300.3 uses the slightest movement to automatically wind the watch. With talent, François-Paul Journe turns the problem around, and creates a new off centered rotor that winds in only one direction with a self-locking ball bearing system. The ceramic balls allow the rotor to move in one direction and block it in the other. In this way, every infinitesimal movement is maximally exploited for an optimized winding of the watch.

It retains the characteristics of the classic Octa with: a 5-day power reserve (120 h) and a variable inertia balance wheel for an optimum yield that offers each model of the Octa line irreproachable stability.

#### HOROLOGY

IDEAL

"The construction of the Octa calibre has fewer strong ties to the history of watchmaking than do the remontoire and the resonance models, however it embodies a horological ideal: that of making timekeepers as precise and autonomous as possible!

One might additionally note that the reason church clock towers are so tall is not just to increase visibility, but also to allow the driving weights to descend during a long period of time-often an entire month.

Many systems were invented - some more successful than others - to increase the running duration of timekeepers. Being small, the wristwatch could not have as powerful a spring as might be wished. Watchmakers compensated by adding an additional wheel to the gear train, so as to extend the duration of development. Unfortunately, they discovered that this system, even with a stronger spring, resulted in a smaller amount of energy being delivered to the balance spring. To compensate for this disadvantage, they used a smaller balance requiring less energy, but this led to a loss of stability. For this reason, a number of watches that run for several days are also much less precise and reliable.

This challenge really motivated me! I realized that the best and most obvious way to increase the running time would be to increase the spring's capacity of development. The difficulty lay in integrating it on the same level as the gear train and escapement: it is 1 metre long and 1 millimetre thick due to the low torque of the spring, I achieved very fast automatic winding (one and a half hours in a Chappuis cyclotest, for over five days' running).

Once the challenge of autonomy had been solved with this automatic calibre, I set out to meet the challenge of integrating various complications into the same movement: power reserve indication with large date display, perpetual calendar, UTC coordinated universal time, moon phases, etc..."

François-Paul Journe

OCTA AUTOMATIQUE RÉSERVE OCTA COLLECTION



#### OCTA AUTOMATIQUE RÉSERVE

In 2001, François-Paul Journe presented the Octa line, a collection of automatic-winding mechanical wristwatches with an exceptionally long power reserve of over five days (120h).

The Octa collection totally satisfies the needs of a clientele seeking mechanical watches that are authentic, rare, innovative, and comfortable to wear and to use. It features a number of complications such as a perpetual calendar, moon phases, and UTC coordinated universal time, thus meeting the requirements of a wide audience. In his testimony on the creation of the first automatic-winding calibre signed F.P. Journe "Invenit and Fecit", François-Paul Journe explained his philosophy and spoke of the difficulty of creating a collection that remains uniform regardless of the incorporated complication! The challenge was to offer an elegant and innovative collection, developed on the basis of a calibre that provided perfect stability, with a very effective automatic winding system. Thus the Octa line was born ...

Always attentive to the needs and wishes of his clients, François-Paul Journe took advantage of the creation of calibre 1300.3 to offer two new models with a central hour display: "Some of our clients told me they had difficulty reading the time on the traditional Octa dial, so I made use of the new calibre to create the Octa Automatique Réserve and the Octa Automatique Lune, with a central time display".

Before plunging into the heart of these watches' mechanical movements, one discovers their essence, in the solid Gold dial with integrated mirror-polished Gold numerals and the signature "teardrop" Journe hands.

Octa Automatique Réserve\_ Ref. AR Calibre 1300.3

Indications: central hours and minutes, small seconds, instantaneous jump large date, power reserve.

Case: 40 mm diameter in Platinum or 18 K red Gold, overall height 10.6 mm, sapphire crystal case back.

Dial: white Gold or red Gold, integrated mirror polished Gold numerals.

Hands: rhodium plated or 5N gilt Steel.

#### OCTA AUTOMATIQUE RÉSERVE

OCTA COLLECTION



Dial white Gold or red Gold, integrated mirror polished Gold numerals

Hands rhodium plated or 5N gilt Steel

Case and Bracelet Platinum or red Gold



#### OCTA AUTOMATIQUE RÉSERVE OCTA COLLECTION



Dial whitened guilloché Silver Hands blued Steel Case Platinum or red Gold



### **CALIBRE 1300.3**

DETAILS



18 K rose Gold, off centre rotor in 22 K red Gold, automatic winding.

Indications: hours, minutes, small seconds, instantaneous jump large date, power reserve.

Frequency: 21,600 V/h Overall diameter: 30.8 mm Overall height: 5.7 mm Number of components: 277 Number of jewels: 40

Autonomy: over 120 h



AN IDEAL BALANCE BETWEEN
FORCE, WINDING SPEED AND EFFICIENCY



#### OCTA AUTOMATIQUE LUNE

Created the same year as the Octa Automatique Réserve model, the Octa Automatique Lune has an automatic winding mechanical movement in 18 K rose Gold with an exceptional power reserve of over 5 days (120h). Unidirectional winding by the exclusive off-centre F.P. Journe rotor in 22 K red Gold results in unequalled efficiency.

The dial of the Octa Automatique Lune features a central time display for a more formal time indication. It is manufactured in solid Gold, with integrated mirror-polished Gold numerals or in guilloche Silver, along with F.P. Journe "teardrop" hands. The moon phase indication is revealed by a metallised sapphire disc, which advances by one notch with each date change.

The moon recalls ancient times, when people waited for the full moon if they wanted to travel at night, for only the moon provided enough light for nocturnal journeys. While today we hardly notice the changes in the moon, the moon phase indication remains one of the most poetic of all horological complications.

Octa Automatique Lune\_ Ref. AL Calibre 1300.3

Indications: central hours and minutes, small seconds, instantaneous jump large date, moon phases, power reserve.

Case: 40 mm diameter in Platinum or 18 K red Gold, overall height 10.6 mm, sapphire crystal case back.

Dial: white Gold or red Gold, integrated mirror polished Gold numerals Hands: rhodium plated or 5N gilt Steel.

## OCTA AUTOMATIQUE LUNE

OCTA COLLECTION



Dial white Gold or red Gold, integrated mirror polished Gold numerals

Hands rhodium plated or 5N gilt Steel

Case and bracelet Platinum or red Gold



# OCTA AUTOMATIQUE LUNE OCTA COLLECTION



Dial whitened guilloché Silver Hands blued Steel Case and bracelet Platinum or red Gold



### **CALIBRE 1300.3**

DETAILS



18 K rose Gold, off centre rotor in 22 K red Gold, automatic winding.

Indications: hours, minutes, small seconds, instantaneous jump large date, moon phases, power reserve.

Frequency: 21,600 V/h Overall diameter: 30.8 mm Overall height: 5.7 mm Number of components: 292 Number of jewels: 39

Autonomy: over 120 h

## EXCLUSIVE MECHANISM



AN IDEAL BALANCE BETWEEN
FORCE, WINDING SPEED AND EFFICIENCY



#### OCTA LUNE

The Octa Lune has a mechanical movement with automatic winding, manufactured in 18 K rose Gold, with an exceptional power reserve of over 5 days (120 h). It is wound unidirectionally by the exclusive off-centre 22 K red Gold F.P. Journe rotor, for unequalled efficiency.

The Octa Lune's two dials are made of 18 K Gold. The off-centre dial, with Gold hour numerals surfaced with a diamond tool, is encircled by a polished Steel ring that is screwed to the second dial, one of the brand's signatures. The main dial features a very large aperture for the date, a retrograde power reserve indication with a 120 hour scale (5 days), as well as the moon phases which remain one of the most poetic of all horological complications.

The Octa Lune was awarded the Prize "Best Men's Watch" at the Geneva Grand Prix d'Horlogerie in 2002.

Octa Lune\_ Ref. LN Calibre 1300.3

Indications: off-centre hours and minutes, small seconds, instantaneous jump large date, moon phases, power reserve.

Case: 40 or 42 mm diameter in Platinum or 18 K red Gold, overall height 10.4 mm, sapphire crystal case back.

Dial: white Gold or red Gold with integrated mirror polished Gold numerals Hands: blued Steel and rhodium-plated or 5N gilt.

# OCTA LUNE OCTA COLLECTION



Dial white Gold or red Gold with integrated mirror polished Gold numerals

Hands blued Steel and rhodium-plated or 5N gilt

Case and Bracelet Platinum or red Gold



## CALIBRE 1300.3

DETAILS



18 K rose Gold, Off centre rotor in 22 K red Gold, automatic winding.

Indications: hours, minutes, small seconds, instantaneous jump large date, moon phases, power reserve.

Frequency: 21,600 V/h Overall diameter: 30.8 mm Overall height: 5.7 mm Number of components: 273 Number of jewels: 37

Autonomy: over 120 h

## EXCLUSIVE MECHANISM



AN IDEAL BALANCE BETWEEN
FORCE, WINDING SPEED AND EFFICIENCY

OCTA COLLECTION



#### OCTA DIVINE

A worthy heir to the Octa collection, the Octa Divine with automatic winding features three complications: central hours and minutes, small seconds, moon phases, a power reserve of over 120 hours and a large date.

The Octa Divine's automatic winding movement is manufactured in 18 K rose Gold, like all those of the Octa and Souveraine collections. It is based on the calibre 1300.3, with room left to incorporate all the complications of the Octa collection. It also features the exclusive off centre F.P. Journe rotor in 22 K red Gold, for unequalled efficiency.

The distinctive F.P. Journe elegance is apparent in the seconds subdial in the lower right portion of the dial, featuring now a digital indication by disc, and the polished Steel circle screwed onto the dial, among the brand's patented signatures. The moon phase display is revealed by a metallised sapphire disc that advances by one notch each time the date changes

This extremely elegant watch, which possesses the strong identity of all F.P. Journe creations, has become a model of reference.

Octa Divine\_ Ref. DN Calibre 1300.3

Indications: central hours and minutes, small seconds by disk, instantaneous jump large date, moon phases, power reserve.

Case: 40 or 42 mm diameter in Platinum or 18 K red Gold, overall height 10.6 mm, sapphire crystal case back.

Dial: white Gold or red Gold and whitened Silver.

Hands: blued Steel.

# OCTA DIVINE



Dial white Gold or red Gold and Silver Hands blued Steel Case and Bracelet Platinum or red Gold



### **CALIBRE 1300.3**

DETAILS



18 K rose Gold, Off centre rotor in 22 K red Gold, automatic winding.

Indications: hours, minutes, small seconds, instantaneous jump large date, moon phases, power reserve.

Frequency: 21,600 V/h Overall diameter: 30.8 mm Overall height: 5.7 mm Number of components: 281 Number of jewels: 37

Autonomy: over 120 h

## EXCLUSIVE MECHANISM



AN IDEAL BALANCE BETWEEN
FORCE, WINDING SPEED AND EFFICIENCY



#### OCTA UTC

#### COORDINATED UNIVERSAL TIME

F.P. Journe again innovates once again with the Octa UTC®, a patented system that makes use of the modern standards of determining time zones in full hours. It mechanically indicates the time zone divisions linked to the Earth's real rotation, including the summer and winter times.

Its dial displays the off-centre hours, minutes and seconds, the retrograde power reserve, the large date and, for the first time, a laser engraved and painted sapphire world map subdial with time zone divisions.

The local time is indicated by the blue hands; they are linked to a calendar indicating the geographical time, while the red Gold hand indicates the time in 24 hours.

The automatic winding Octa UTC® movement is manufactured in 18 K rose Gold, like all the movements of the Octa and Souveraine collections. It is based on the 1300.3 calibre and adds yet another complication to the Octa line, without any change in dimension. It also features the exclusive off-centre 22 K red Gold F.P. Journe rotor, offering unequalled efficiency.

#### Octa UTC\_ Ref. UTC Calibre 1300.3

Indications: double off-centre time zone, hours, minutes and small seconds, world map with time zone divisions, summer/winter time indications, instantaneous jump large date, power reserve.

Case: 40 mm diameter in Platinum or 18 K red Gold,

Overall height 10.6 mm, sapphire crystal case back.

Dial: white Gold or red Gold, whitened guilloché Silver and laser engraved and painted sapphire.

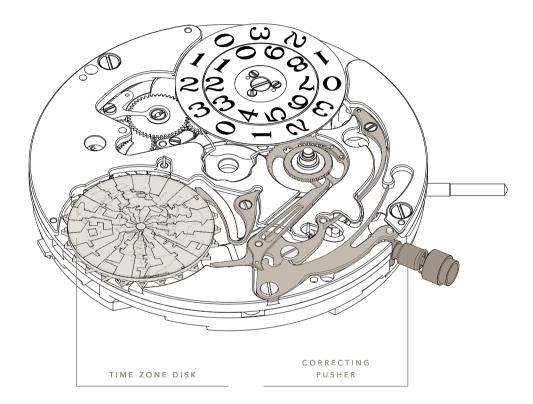
Hands: blued Steel and 5N gilt.

# OCTA UTC



Dial white Gold and Silver, laser engraved and painted sapphire
Hands blued Steel and 5N gilt
Case and Bracelet Platinum or red Gold





### The Octa UTC mechanism

The Octa UTC (patented system) makes use of the modern standards of determining time zones in full hours, and mechanically indicates the time zone divisions linked to the Earth's real rotation, including the summer and winter time indication.

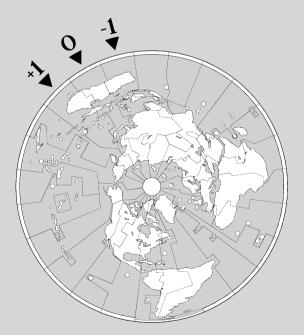
### Adjustment of the time zone disc

By turning the crown; each movement of the disc makes the hand advance 24 hours, thus indicating the time in the zone opposite the **0**. The **+1** and **-1** are used for summer or winter time indication.

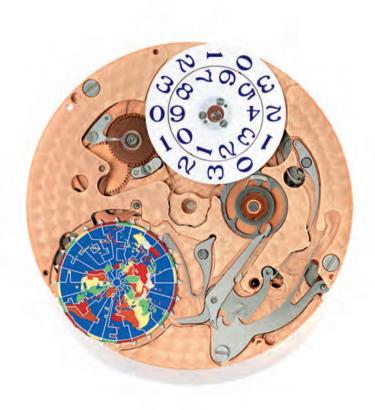
# COORDINATED UNIVERSAL TIME

Greenwich Mean Time, or GMT, was created during the 19<sup>th</sup> century; it is the mean solar time calculated from the Greenwich meridian that crossed the Royal Observatory in Greenwich, near London. Used by the British Navy to calculate longitude based on the Greenwich meridian, in the United Kingdom it was adopted by the Railway Clearing House in 1847. It was legally adopted as the official time throughout Great Britain in 1880, and later throughout the world for most of the 20th century, before being replaced by in 1972 by UTC, or Universal Time Coordinated.

In the watchmaking world, GMT is generally used to designate watches that indicate a second time zone. The two time measurement systems, though similar, are not the same since GMT is based on the Earth's rotation, while UTC is based on international atomic time. Today UTC offers a modern view of time zones, most of them divided into full hours and directly linked to the actual rotation of the Earth, and therefore less variable.



# CALIBRE 1300.3 DETAILS



18 K rose Gold, off centre rotor in 22 K red Gold, automatic winding.

Indications: double time zone, hours, minutes, small seconds, laser engraved and painted world map divided into time zones, summer/winter time indication, instantaneous jump large date, power reserve.

Frequency: 21,600 V/h Overall diameter: 30.8 mm Overall height: 5.7 mm Number of components: 301 Number of jewels: 40

Autonomy: over 120 h

# **EXCLUSIVE**MECHANISM



Patent EP 2 477 080 A1

AN IDEAL BALANCE BETWEEN
FORCE, WINDING SPEED AND EFFICIENCY

"

A MOVEMENT ABLE TO
IDENTIFY LEAP YEARS
POSSESSES A VERITABLE
MECHANICAL MEMORY

"

During the 18<sup>th</sup> century, astronomical watches were gradually replaced by watches indicating the date and, usually, the moon phases. These primitive calendar watches were all of a simple type-at the end of each month of fewer than 31 days, the date hand had to be manually advanced. Watchmakers dreamed of incorporating a complex perpetual calendar mechanism into the movement, which would automatically take into account the 29<sup>th</sup> of February.

While the astronomical year, determined by the Earth's revolution around the Sun, comprises 365,242 days, the civil year must contain a whole number of days. This is the reason for leap years, which were introduced by Julius Caesar in 46 BC, under the recommendations of the Greek astronomer Sosigenes of Alexandria. Every four years, the month of February has one extra day. It requires the skill and knowledge of an excellent watchmaker in order to incorporate this complication into the date display. While annual date timepieces take into account the varying lengths of the months, only the perpetual calendar watch is able to indicate the day, the month, and the date without requiring any manual correction, even during leap years.

A "perpetual calendar" watch displays the exact date ("quantième" in French) while automatically taking into account the varying lengths of the months and the leap year cycle. It also displays the date, the month, and the moon phases. In order to accomplish this feat, the movement must possess a mechanical "memory" of 1461 days, or four years. The mechanism is generally based on a system of differential gears from the hour wheel and comprises hundreds of components, gears, levers, and rockers. A small planet wheel with teeth, linked to the months mechanism, makes a complete rotation every four years. The fourth year, this mechanism displays the 29th of February before passing directly to 1 March. Just as the moon travels around the Earth, this planet wheel turns on its own axis while resting on a swivel wheel.

This complication, which is both useful and a technical feat, is one of the masterpieces of watchmaking art. Although the perpetual calendar watch is perfectly adapted to the Julian calendar, ever since 1582 modern civilisations have gradually adopted the Gregorian calendar in order to correct the slight difference of 0.0078 day per year which subsisted despite the leap year system. According to the Gregorian calendar established by the Pope Gregory XIII, one leap year is omitted per century unless it is a centennial year, i.e. a year that is divisible by 400. Thus, 2000 was a leap year and 2400 will also be one, while 2100, 2200 and 2300 will not.

Despite their name, "perpetual" calendar mechanisms will have to be corrected by one day on March 1, 2100...



### INSTANTANEOUS

#### QUANTIÈME PERPÉTUEL

The F.P. Journe Quantième Perpétuel with instantaneous jump is aesthetically different from all existing perpetual calendar watches, with its uncluttered dial whose windows provide perfect legibility. The large windows for the calendar with days, months and the large date, a characteristic of F.P. Journe watches, in two windows. The instantaneous jump is driven by an ingenious system conceived to accumulate energy and release it instantaneously when the date, day, or month changes, and to slow it down afterward.

Unlike other perpetual calendars, which are often difficult to adjust, the F.P. Journe Quantième Perpétuel is extremely easy to use. Corrections are made by the three-position crown, except for the rapid correction of months, which is done by a protected corrector lever that is hidden beneath the lug at 1 o'clock. This facilitates adjustment over four years, with no special tools required. The lengths of the months with 28, 29, 30 and 31 days are automatically taken into account, as is the leap year "L" indicated in the centre of the dial in red, beneath the hour and minute hands. Years 1, 2 and 3 are shown in black.

The Quantième Perpétuel, like all the models of the Octa collection, features a mechanical movement with automatic winding manufactured in 18 K rose Gold. It has a long power reserve of over 120 hours. It also features F.P. Journe's exclusive off-centre 22 K red Gold rotor, for unequalled efficiency.

Quantième Perpétuel\_ Ref. QP Calibre 1300.3

Indications: central hours and minutes,
central leap year indication in red by a hand,
indication of the large date, day and month by windows, power reserve.
Case: 40 or 42 mm diameter in Platinum or 18 K red Gold,
overall height 11 mm, sapphire crystal case back.
Dial: white Gold or red Gold and whitened Silver.
Hands: blued Steel.

## QUANTIÈME PERPÉTUEL

OCTA COLLECTION



Dial white Gold or red Gold and Silver Hands blued Steel Case and Bracelet Platinum or red Gold



#### CALIBRE 1300.3 DETAILS



18 K rose Gold, off centre rotor in 22 K red Gold, automatic winding.

Indications: hours, minutes and leap year, large date, day and month, with synchronised instantaneous jump, power reserve.

Frequency: 21,600 V/h Overall diameter: 33.00 mm Overall height: 5.20 mm Number of components: 374 Number of jewels: 46

Autonomy: over 120 h

#### EXCLUSIVE MECHANISM



AN IDEAL BALANCE BETWEEN
FORCE, WINDING SPEED AND EFFICIENCY



# Z Z O 4 $\vdash$ **M** C ш > O C S





#### CHRONOMÈTRE BLEU

The Chronomètre Bleu offers an uncluttered approach to high precision, with irreproachable chronometric proprerties. It is innovative, with a 39 mm case made of Tantalum, a rare dark grey metal with blue overtones, so named for the "Torment of Tantalus" in reference to the Greek mythology. Tantalum is a metal rarely used in watchmaking because it is very hard and difficult to fashion (its fusion temperature is 3016° and its density 16.65 kg/cm³). It is also valued for its extremely high resistance to corrosion and wear, and its bio compatibility.

The blue chrome dial, which perfectly complements the colour of the case, has been redesigned with the latest trends in mind, and features cream-coloured hands and large Arabic numerals.

The Chronomètre Bleu's 18 K rose Gold mechanical movement with manual winding oscillates at 21,600 vibrations per hour. Twin barrels, in the classic configuration of precision watches, work in parallel to deliver stable power for most of the watch's 56-hour autonomy. The F.P. Journe freesprung chronometer balance, with inertia adjustment via four opposing weights, is dynamically adjusted in six positions.

Chronomètre Bleu\_ Ref. CB Calibre 1304

Indications: central hours and minutes, small seconds.

Case: 39 mm diameter in Tantalum,
overall height 8.6 mm, sapphire crystal case back.

Dial: blue chrome.

Hands: ivory coloured Steel.

#### CALIBRE 1304

DETAILS



18K rose Gold, manual winding.

Indications: hours, minutes, small seconds.

Frequency: 21,600 V/h Overall diameter: 30.4 mm Overall height: 3.75 mm Number of components: 129 Number of jewels: 22

Autonomy: 56 h

### EXCLUSIVE

MECHANISM



CONSTRUCTED IN THE PUREST

CHRONOMETRIC TRADITION



#### CHRONOMÈTRE SOUVERAIN

The Chronomètre Souverain is a precision chronometer that was inspired by the Marine chronometers of the early 19<sup>th</sup> century. Constructed in the purest chronometric tradition, it has an extra-flat movement that is 3.75 mm thick; its base plate and bridges are in 18 K rose Gold. The two barrels of the homogeneous movement deliver a highly linear force to the escapement for over fifty-six hours. The escapement beats at a frequency of 21,600 vibrations per hour.

With its traditional yet unexpected look, the Chronomètre Souverain has become a model of reference. It is particularly slim, at only 6.50 mm thick. The small seconds subdial is at left at 7 o'clock, while the 56-hour power reserve indication is located on the right at 3 o'clock. Owning a Chronomètre Souverain is the ultimate luxury for those who are mindful of the time still to come, and intend to enjoy it thoroughly.

The Chronomètre Souverain received the Best Men's Watch Prize at the Geneva Grand Prix d'Horlogerie in 2005.

Chronomètre Souverain\_ Ref. CS Calibre 1304

Indications: central hours and minutes, small seconds, power reserve.

Case: 40 mm diameter in Platinum or 18 K red Gold, overall height 8.6 mm, sapphire crystal case back.

Dial: white Gold or red Gold, numerals surfaced with a diamond tool.

Hands: rhodium plated or 5N gilt Steel.

#### CHRONOMÈTRE SOUVERAIN



Dial white Gold or red Gold, numerals surfaced with a diamond tool.

Hands rhodium plated or 5N gilt Steel

Case and Bracelet Platinum or red Gold



Dial guilloché Silver Hands blued Steel Case Platinum or red Gold



#### Mechanism of the Chronomètre Souverain

The Chronomètre Souverain has two mainsprings housed in two barrels that are placed parallel to the centre wheel. This layout, inspired by French Marine Chronometry, guarantees the excellence of traditional watchmaking, combined with absolute efficiency. Each barrel contains a low-power spring with a very stable development curve.

Together, they provide the watch sufficient and stable energy.

### WHAT IS CHRONOMETRY? DEPENDABLE TIME INDICATION

In mechanical watchmaking, the precision of a chronometer depends on many factors. While it can not rival with the precision of quartz, mechanical watchmaking's innovation and poetry possess their own fascination. These humble contributions to horological science are made in the interest of mechanical subtlety and complexity.

"Chronometry was invented by 18th century English and French watchmakers, when their respective governments held a contest promising a prize to the first watchmaker who could construct a timepiece that could be used on a ship. It had to be extremely precise, for it was to be used to calculate longitude. The stakes were high: the conquest of the seas and of new territories!

In the quest for precision, a portable timekeeper was subject to several natural phenomena that could be detrimental to its running.

- Thermal variations: the balance/spring assembly is sensitive to temperature changes, which cause gains in cold weather and losses in warm weather.
- Movement: especially that of the wrist in the case of wristwatches; it can lead to sudden acceleration or slowing of the balance.
- Geographic position: two factors are perceptible first, latitude and secondly, altitude.
   In both cases, the force of gravity alters the friction of the balance pivots, causing losses as one moves away from the Earth's centre, and gains as one moves toward it.
- The deterioration of lubricants: over time, the oils that lubricate the escapement harden, causing the watch to gain.

In all four cases, the watch's actual precision is not altered; it is only the gauging that changes! All F.P. Journe chronometers are adjusted in our Geneva workshops, before being sold worldwide. Depending on the purchaser's geographic position, there may be a difference of several seconds. In other parts of the world it is perfectly normal that there be a difference of a few seconds as compared to Geneva - the gauging of the chronometer changes but not its precision. The proof of this is that if a timepiece gains two seconds per day and maintains that gain daily, this actually demonstrates its extreme precision.

In the past, sea captains noted the deviation of their chronometers and took it into account when making their calculations to determine the ship's position. If the chronometer gained one second per day, after 30 days it was only necessary to subtract 30 seconds in order to obtain the exact time, and so on..."

François-Paul Journe

#### CALIBRE 1304

DETAILS



18K rose Gold, manual winding.

Indications: hours, minutes, small seconds, power reserve.

Frequency: 21,600 V/h Overall diameter: 30.4 mm Overall height: 3.75 mm Number of components: 161 Number of jewels: 22

Autonomy: 56 h

# **EXCLUSIVE**MECHANISM



CONSTRUCTED IN THE PUREST
CHRONOMETRIC TRADITION



#### CENTIGRAPHE SOUVERAIN

The Centigraphe Souverain is an unprecedented manual winding chronograph that displays elapsed times from a one hundredth of a second to ten minutes, on three dials. The tachometer scales convert units of time into speeds ranging from 6km/h-or walking speed-to 36,000 km/h, which is much greater than the escape velocity of a rocket. The manually wound mechanical movement is manufactured in 18 K rose Gold.

The 100<sup>th</sup> of a second hand at 10 o'clock revolves around the dial in one second; the hand at 2 o'clock revolves around the dial in 20 seconds, and the third hand, at 6 o'clock, revolves around the dial in 10 minutes. The chronograph is started, stopped, and zeroed by a rocker on the case band at 2 o'clock, (patented system), rather than by the usual buttons on either side of the crown.

The Centigraphe Souverain received the Aiguille d'Or prize at the Geneva Grand Prix d'Horlogerie in 2008. It was also elected Watch of the Year by Timezone.com in 2009.

The Centigraphe Souverain contributes to the medical research carried out by the ICM (Institut du Cerveau et de la Moelle Epinière) in Paris. 30% of the profits from the sale of each Centigraphe Souverain are donated to the ICM.

www.icm-institute.org

Centigraphe Souverain\_ Ref. CT Calibre 1506

Indications: central hours and minutes, 1 second register at 10 o'clock, 20 second register at 2 o'clock, 10 minute register at 6 o'clock.

Case: 40 mm diameter in Platinum or 18K red Gold, overall height 10.1 mm, sapphire crystal case back.

Dial: white Gold or red Gold and whitened Silver.

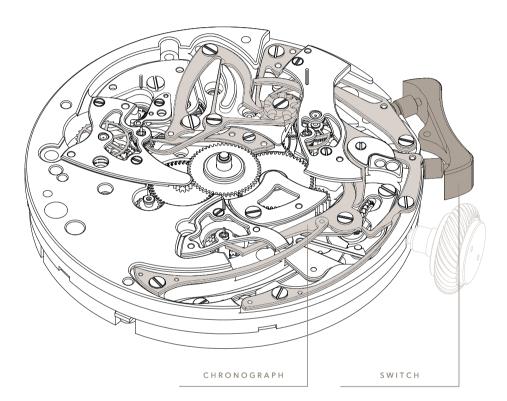
Hands: blued Steel and red lacquered Titanium.

#### CENTIGRAPHE SOUVERAIN



Dial white Gold or red Gold and Silver Hands blued Steel and red lacquered Titanium Case and Bracelet Platinum or red Gold





#### Mechanism of the Centigraphe Souverain

The Centigraphe Souverain is started, stopped, and zeroed by the rocker on the case band at 2 o'clock, rather than by the usual buttons on either side of the crown. The ergonomic solution developed and patented by F.P. Journe is truly adapted to this unique wristwatch.

A second patent was registered for the mechanism's ingenious configuration, which isolates the chronograph function from the timekeeping function of the movement. Thus, the chronograph has no effect on the balance amplitude. The hands of the 100<sup>th</sup> of a second, 20 second, and 10 minute registers are driven by two different wheel trains, which are themselves driven by the centre of the mainspring (patented system).

A separate wheel train, also driven by the barrel arbor, drives the 10 minute hand.

# AN UNPRECEDENTED MECHANICAL CHRONOGRAPH

For the creation of the Centigraphe, things happened slightly differently than for other watches. This was not a project I had in mind, but through the ICM Foundation I met Jean Todt, at the time head of Ferrari. We discussed the ideal watch for the world of automobile racing. I remembered then the work I had done 15 years previously on an exponential chronograph. I soon realized that a chronograph with three hands revolving at different speeds was a good place to start. I then started to think about the pushers, the balance of power in the movement, the requirements and energy losses. I made use of a patent registered for the Sonnerie Souveraine. Everything was done step by step.

The "Centigraphe Souverain" is a huge technical feat. It is the first wristwatch in the world with a single movement allowing both the measurement of hundredths of a second and of ten minutes. This is done by a hand at 10 o'clock that revolves around the dial in one second, a second hand at 2 o'clock that travels around the dial in twenty seconds, and a third hand at 6 o'clock, that revolves around the dial in ten minutes. Each one has its own sub dial, in addition to the hour and minutes display. The "Centigraphe Souverain" is thus able to measure speeds of up 360,000 km/h. To this technical feat should be added the power reserve of 80 hours - or 24 hours when the chronograph is running.

#### The Centigraphe Contributes to Medical Research

When you purchase an F.P. Journe Centigraphe, as many well-known personalities have done, you also support the medical research done by the ICM in Paris, (Institut du Cerveau and de la Moelle épinière), contributing to the fight against degenerative diseases such as Alzheimer and Parkinson's disease, and multiple sclerosis...

Along with Professor Gérard Saillant, Luc Besson, Jean Réno, Jean Todt and Michael Schumacher among others, I have pledged to help the ICM by donating 30% of the profit from the sale of each Centigraphe".

www.icm-institute.org

François-Paul Journe



18 K rose Gold, manual winding.

Indications: 100<sup>th</sup> of a second chronograph, hours, minutes, 1 second register, 20 second register, 10 minute register.

> Frequency: 21,600 V/h Overall diameter: 34.40 mm Overall height: 5.6 mm Number of components: 284 Number of jewels: 50

Autonomy: 80h or 24h with chronograph running.

# **EXCLUSIVE**MECHANISM



#### Patents

EP 1 978 424 A1 EP 1 818 734 A1

MEASURES ELAPSED TIMES

FROM 100 TH OF A SECOND TO 10 MINUTES



CHRONOMÈTRE À RÉSONANCE SOUVERAINE COLLECTION

#### CHRONOMÈTRE À RÉSONANCE

The Chronomètre à Résonance is one of the most precise wristwatches in the world; its manually wound 18 K rose Gold movement reveals two balances that beat in opposition and work in perfect synchronisation, regulating each other. It is also the only wristwatch in the world to be based on the natural principle of resonance. Resonance is generated by the balances' oscillations, which reach a state of "sympathy" and begin to beat in rhythm, thus greatly increasing the watch's precision when worn.

This movement must be very finely adjusted for the two balances to achieve the precise position that allows them to enter into resonance. With this unique watch, F.P. Journe pays homage to the resonance research done by the great 18<sup>th</sup> century horologist Antide Janvier.

The two time displays may also be used as two independent time zones. The sophisticated mechanism may be admired through the sapphire case back, which reveals the two mechanical "hearts" beating in perfect unison.

F.P. Journe is the only Manufacture to use this technology.

Chronomètre à Résonance\_ Ref. RT Calibre 1499.3

Indications: double time display, digital dial (24h) on the left, analog dial (12h) on the right, power reserve.

Case: 40 mm diameter in Platinum or 18 K red Gold, overall height 9.1 mm, sapphire crystal case back.

Dial: white Gold or red Gold and whitened guilloché Silver.

Hands: blued Steel.

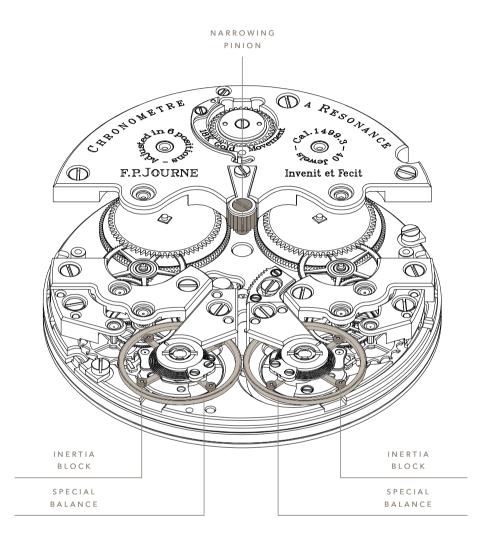
#### CHRONOMÈTRE À RÉSONANCE



Dial white Gold or red Gold and Silver Hands blued Steel Case and Bracelet Platinum or red Gold



#### **CALIBRE** 1499.3



#### Mechanism of the Chronomètre à Résonance

The Chronomètre à Resonance has two dedicated four-arm balances with adjustable timing weights for fast/slow adjustment. They have been adjusted in our workshop to beat at a frequency of 21,600 vibrations/hour.

The two balances enter into "sympathy" due to the phenomenon of resonance, thus naturally beginning to beat in synchronisation. The detrimental effects of motion, that occur when the watch is worn, are thus greatly reduced. The point of resonance is obtained by a very precise adjustment of the parting between the right and left balances. The narrowing pinion is used for this purpose.

# IN THE HEART OF THE MOVEMENT

"Let me try to explain the historical reasons that led me to construct certain watches. As concerns the phenomenon of resonance, the idea that energy is dispersed but not lost goes back to the 18th century, and the research of the great chemist A.L. de Lavoisier (1743-1794) who made the well-known statement that inspired my own modest research: "Nothing is lost, nothing is created, everything is transformed". After the invention of the pendulum, watchmakers observed that its beat was often influenced by the environment, and it was not rare for a pendulum clock to stop if its pendulum entered into resonance with the driving weight suspended from its cord. Antide Janvier, a brilliant horologist (or, as he called himself, a "mécanicien") born in 1751 in Saint-Claude, France, was the first to have the intuition that this disadvantage could in fact be turned into an asset. His idea was to construct two complete movements with two precision escapements and to install them next to each other, so that the two pendulums were suspended from the same mount. Just as he had thought, each pendulum recovered the energy dispersed by the other, and they began to beat in unison, thus entering into resonance.

With protection from external vibrations, the resonance principle considerably increased the working precision of timepieces. Around 1780 Antide Janvier constructed two precision regulators, one of which is today in the Paul Dupuy Museum in Toulouse; the second is in the private collection of Montres Journe SA in Geneva. A third desk regulator is in the Patek Philippe Museum in Geneva. Thirty years after later, Abraham-Louis Breguet constructed a resonance regulator for King Louis XVIII of France, which is now in the Paris Musée des Arts and Métiers, and a second one for King George IV of England, now in Buckingham Palace. He also made a pocket watch based on the same principle for each of these illustrious collectors. To the best of my knowledge, no other watchmaker has taken any interest in this fascinating physical phenomenon!

The advantages for precision of the resonance phenomenon encouraged me to pursue my research, and fifteen years later, I was able to adapt it to a wristwatch: the Chronomètre à Résonance, the second model of the Souveraine collection. I felt the resonance system was especially well adapted to the movements of the wrist, which cause numerous shocks and disturbances that have a detrimental effect on watch mechanisms."

François-Paul Journe

#### **CALIBRE 1499.3**

#### DETAILS



18 K rose Gold, manual winding.

Indications: double time zone, hours, minutes, small seconds, power reserve.

Frequency: 21,600 V/h Overall diameter: 32.60 mm Overall height: 4.2 mm Number of components: 299 Number of jewels: 36

Autonomy: 40 h

# EXCLUSIVE MECHANISM



HOMAGE TO THE RESONANCE RESEARCH DONE

BY THE GREAT 18 TH CENTURY HOROLOGISTS

CHRONOMÈTRE OPTIMUM SOUVERAINE COLLECTION



### CHRONOMÈTRE OPTIMUM

Combining modern technology with the rich heritage of the knowledge of time-telling history left to us by the great Masters, the Chronomètre Optimum joins the ranks of the iconic time-pieces created by F.P. Journe Haute Horlogerie in its constant quest for precision, innovation and excellence.

Like all the models of the Souveraine collection, the Chronomètre Optimum has a manually wound mechanical movement manufactured in 18 K rose Gold. It symbolises the very essence of precision in a wristwatch, testifying to the accomplishment of F.P. Journe's chronometric research.

The Chronomètre Optimum contains a majority of exceptional components, here brought together for the first time in a watch: 2 barrels in parallel, the constant force remontoire, the revolutionary new high-performance bi-axial EBHP escapement, and natural dead-beat seconds. Due to these extraordinary technical achievements, this watch achieves the feat of telling time with near-perfect accuracy.

The aesthetics of the hour, minutes and small seconds displays and the 70-hour power reserve harmonise perfectly with the wheel of the remontoire, visible on the dial. The sapphire case back reveals the 18 K rose Gold movement, with its surprising natural dead-beat seconds framed by the seconds circle screwed to the movement's bridges.

Chronomètre Optimum\_ Ref. CO Calibre 1501

Indications: off centre hours and minutes, small seconds, power reserve.

Case: 40 or 42 mm diameter in Platinum or 18 K red Gold, overall height 10.1 mm, sapphire crystal case back.

Dial: white Gold or red Gold and whitened guilloché Silver.

Hands: blued Steel.

# CHRONOMÈTRE OPTIMUM

SOUVERAINE COLLECTION

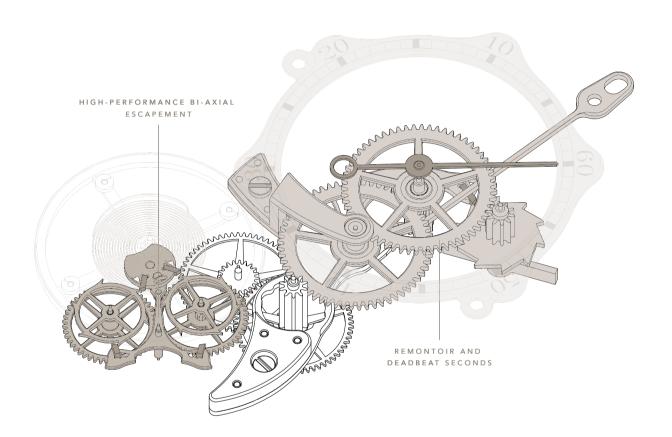


Dial white Gold or red Gold and Silver Hands blued Steel Case and Bracelet Platinum or red Gold



# **EBHP**HIGH PERFORMANCE BI-AXIAL ESCAPEMENT

PATENT - EP 2 487 546 A1 PATENT - EP 1 528 443 A1



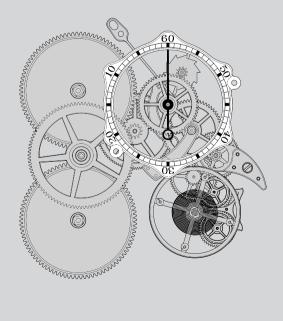


#### THE CHRONOMÈTRE OPTIMUM

HAS BECOME ONE OF THE ICONIC TIMEPIECES OF HAUTE HOROLOGY

The Chronomètre Optimum symbolises the very essence of precision in a wristwatch that reunites the finest components in horological history.

- The double barrel with two springs provides stable driving force to the iconic 18 K rose Gold movement, one of the brand's signatures.
- The one-second constant force remontoire, patent EP 1 528 443 A1, equalises the force delivered to the escapement, ensuring that it remains constant. By the addition of an independent system to the traditional gear train, which is wound in short spurts by the mainspring, the escapement can ensure the balance's isochronism. The constant force remontoire, made in Titanium for the first time, maintains its balance in different positions, resulting in greater efficiency.
- The high-performance EBHP bi-axial escapement, also patented EP 2 487 546 A1 is a two-wheel direct impulse escapement that functions without oil. The EBHP is the only direct impulse escapement to start up on its own. Yet not only does it function without lubricant, it has a much greater output than most escapements: 50 hours with no change in amplitude. Many two-wheel escapements have been created throughout horological history, the most efficient of them being Abraham-Louis Breguet's † 1823 "natural" escapement.
- The balance spring with Phillips terminal curve guarantees better equilibrium.



# CALIBRE 1501

DETAILS



18 K rose Gold, manual winding.

Indications: hours, minutes, small seconds, indication of the dead beat second on the back, power reserve.

Frequency: 21,600 V/h Overall diameter: 34.00 mm Overall height: 3.75 mm Number of components: 240 Number of jewels: 44

Autonomy: 70 h

# **EXCLUSIVE**MECHANISM



# Patents

EP 1 760 544 A1 EP 1 528 443 A1 EP 2 487 546 A1

THE CONQUEST OF PRECISION

THE QUEST FOR ISOCHRONISM



#### TOURBILLON SOUVERAIN

In 1999, F.P. Journe presented the Tourbillon Souverain, the first model of the Souveraine collection and the only tourbillon wristwatch with remontoire. It remains today a reference in terms of precision.

Driven by his passion for chronometric research and by his need to create, François-Paul Journe added a dead beat second to the remontoire. Its exceptional manually wound 18 K rose Gold movement, visible through the sapphire crystal case back, incorporates the remontoire that François-Paul Journe has used since 1983, due to its chronometric performance.

This complication, unique in a contemporary wristwatch, ensures greater timekeeping precision. With the dead beat seconds, the hand remains immobile (dead) until the second has actually elapsed; it indicates the second once it has passed.

The dial has the distinctive look of all F.P. Journe chronometers. The guilloché Silver hour, minutes and seconds subdial is held in place by a circle that is screwed onto the main white or red Gold dial, one of the brand's signatures. The 42 hour power reserve at 12 o'clock harmonises perfectly with the dead beat seconds indication at 6 o'clock.

The Tourbillon Souverain received the Aiguille d'Or prize at the Geneva Grand Prix d'Horlogerie in 2004. It was also elected Watch of the Year at the "Watch of the Year" Grand Prize in Japan in 2004.

Tourbillon Souverain\_ Ref. TN Calibre 1403.2

Indications: off-centre hours and minutes, small seconds, power reserve.

Case: 40 mm in diameter in Platinum or 18 K red Gold, overall height 9.9 mm, sapphire crystal case back.

Dial: white Gold or red Gold and whitened guilloché Silver.

Hands: blued Steel.

# TOURBILLON SOUVERAIN SOUVERAINE COLLECTION



Dial white Gold or red Gold and Silver Hands blued Steel Case and Bracelet Platinum or red Gold





ABSOLUTE SILENCE REIGNS IN THE WORKSHOPS WHERE THE
TOURBILLON SOUVERAIN IS CREATED, DUE TO THE WATCHMAKERS'
INTENSE CONCENTRATION. THEIR DAILY ROUTINE INVOLVES
COMPLETELY ASSEMBLING AND DISMANTLING THE MECHANISM
COUNTLESS TIMES BEFORE THEY ARE SATISFIED.
SINCE THE TOURBILLON CARRIAGE ALONE HAS OVER SIXTY
COMPONENTS, EACH GESTURE REQUIRES EXTREME DEXTERITY
AND EXTRAORDINARY PERSEVERANCE.

# THE DEAD BEAT SECOND OR THE ART OF STOPPING TIME

"Toward the end of the 17<sup>th</sup> century, as clocks became more and more precise, clockmakers added a hand to indicate the seconds. These clocks ("horloges"), called pendulum clocks ("pendules") after the Dutch scientist Huygens invented the pendulum balance, were equipped with a 1 metre long pendulum with a period of 1 second. The dial was graduated with 60 subdivisions so that the hand could mark the seconds.

When the first watches with seconds indications were made, several 18<sup>th</sup> century watchmakers wanted to create the same visual effect as that of pendulum clocks. Thus, they invented systems to prolong the periods of pendulums. The best known of these are the crown wheel escapement and the large balance invented by M. Pouzait. These systems were quickly abandoned, however, for they were detrimental to precision.

Therefore, without any additional system, the hand began to indicate the half second, the frequency most often used at the time. The improved legibility offered by a hand that beat the seconds but did not move until the second was elapsed, gave new ideas to 19<sup>th</sup> century watchmakers.

Three types of "dead beat seconds" systems were used:

- The first: it had a small additional gear train, which was activated by a spring that was wound at the same time as the mainspring. Each second, the hand was released by the watch's escapement. This system, called "independent seconds", had the advantage of not being detrimental to the watch's precision and could be stopped at will by the user.
- The second: it had an additional gear train connecting the escape wheel to an additional 60-toothed fourth wheel that was held by a spring. This system was very simple and was extremely detrimental to precision.
- The third: with the "single beat escapement", the balance completed two oscillations before the escape wheel advanced every second. This type of escapement was very often used in watches made for the Chinese market, since in Chinese philosophy, this was the equivalent of stopping time! For time was held in check...

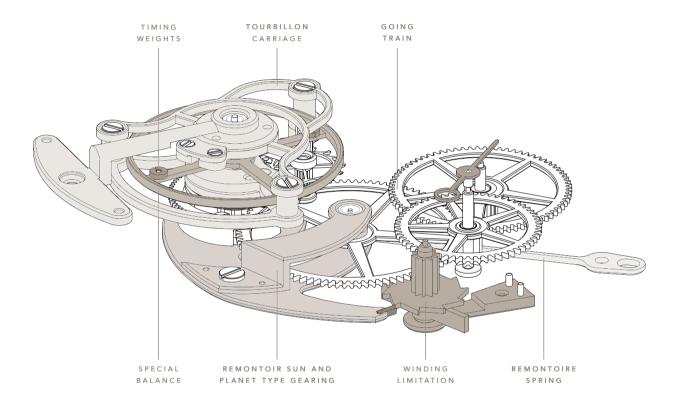
Today, the Tourbillon Souverain features a natural dead beat seconds system that is mounted on one of the wheels of the remontoire and therefore does not affect the watch's precision in any way."

François-Paul Journe

# MECHANISM OF THE TOURBILLON

WITH REMONTOIRE

PATENT - EP 1 528 443 A1



# The Remontoire

The remontoire satellite coaxially pivoting with to the tourbillon cage is controlled by the remontoire spring, itself rewound once a second by the main spring. The constant force remontoire insures the isochronism of the Tourbillon's escapement for 42 hours.

The special four-arm balance is fitted with timing weights for fast/slow adjustment. It has been specially adjusted in our workshops to beat with a frequency of 21,600 vibrations/hour.

#### THE REMONTOIRE

"Since ancient times, mankind has sought to measure time by dividing it into equal parts, thus inventing the notion of isochronism! It was not until the first mechanical clocks were invented that clockmakers searched for a way of equalising the power delivered to the escapement. The balance spring did not yet exist, and the foliot balance provided irregular force due to flaws in the spring and gearing. At the time, clocks had only one hand, which revolved around the dial once every twelve hours, because the lack of accuracy did not allow the minutes to be measured. After the invention of the mainspring, which allowed the construction of table clocks, a 16<sup>th</sup> century clockmaker named Jost Bürgi decided to add an independent system to the traditional gear train, which was wound by the mainspring in short spurts. The escapement thus provided a more regular flow of energy, resulting in several months of autonomy. Thus, the earliest remontoire - or constant force - system was invented!

Later, during the 17<sup>th</sup> century, Dutch scientist and clockmaker Christiaan Huygens invented the balance spring and the pendulum. These innovations conferred previously unequalled chronometric precision to watches and clocks. The minute hand came into widespread use and the remontoire fell into disuse for nearly a century. During the 18<sup>th</sup> century -the age of Enlightenment - more precise astronomical observations and the need for an accurate means of calculating longitude for sea voyages called for an ever-greater level of precision. As horological science advanced, the seconds hand came to be widely used. The English clockmaker Thomas Mudge invented a remontoire for the H.3 marine chronometer, while the famous French horologist Robert Robin ("Horloger du Roy", or Clockmaker to the King) also invented one for his precision regulators. Paradoxically, however, it was not until the 19th century that the remontoire would become widely used for the construction of tower clocks. Its use was not intended to compensate for the flaws in springs (for this type of clock was powered by driving weights) but in order to isolate the time keeping mechanism from the hands, which were placed on the exterior of the clock since they were exposed to phenomena such as strong winds, the hands could disturb the mechanism's functioning.

Because constructing a remontoire is a complex and meticulous task, it was again almost totally abandoned until the 20<sup>th</sup> century, with only a few exceptions - the British watchmaker George Daniels used it in a tourbillon pocket watch; his contemporary Anthony Randall employed it in a table clock that was based on the principle of John Harrison's H.4; and lastly, I myself incorporated it into three tourbillon pocket watches, a "sympathetic" clock, and -for the first time- in a wristwatch, the first model of the F.P. Journe Invenit and Fecit collection, the Tourbillon Souverain.

One of the most fascinating things about the remontoire system is that each horologist who uses it brings his own personal interpretation to the construction. Only the basic idea remains the same."

François-Paul Journe

# CALIBRE 1403.2

DETAILS



18K rose Gold, manual winding.

Indications: hours, minutes, small seconds, tourbillon with 60 second rotation, dead seconds indication, power reserve.

Frequency: 21,600 V/h Overall diameter: 32.40 mm Overall height: 7.15 mm Number of components: 193 Number of jewels: 26

Autonomy: 42 h

# **EXCLUSIVE**MECHANISM



# Patents

EP 1 528 443 A1 EP 1 760 544 A1

TOURBILLON

WITH REMONTOIRE



#### RÉPÉTITION SOUVERAINE

In order to create this ultra slim minute repeater, F.P. Journe had to completely rethink and reconstruct the movement, resulting in a mechanism barely 4 mm thick, with a case that is nearly identical to that of the Chronomètre Souverain (8.8 mm thick).

Two essential technical developments allowed the construction of this ultra-flat movement. The first: extremely flat gongs of the same type as those of the Sonnerie Souveraine, which produce a louder and clearer tone than traditional gongs; the second: an innovation in the striking rack system and the hammer mechanism, which take up much less space than conventional striking mechanisms.

Its ultra-flat 18 K Gold movement and Steel case make this watch astonishingly light: it weighs only 69.6 grams, strap included.

Its case is manufactured in Steel, unlike the cases of most F.P. Journe watches, which are made of precious metals such as Platinum or 18 K rose Gold, for Steel has much better resonance, producing strong, crystalline notes. After the Sonnerie Souveraine, the Répétition Souveraine is the most sophisticated and complex watch in the Souveraine collection. The watchmakers who assemble it must possess the greatest technical expertise.

The Répétition Souveraine received the "Relojes del Año" prize at the Watch of The Year in 2008. It also won the Best Technical Innovation prize, awarded by "Champions of Time" in China, in 2009.

Répétition Souveraine\_ Ref. RM Calibre 1408

Indications: central hours and minutes, small seconds, strikes the hours, quarters and minutes at will, power reserve.

Case: 40 mm diameter in Steel, overall height 8.8 mm, sapphire crystal case back.

Dial: whitened guilloché Silver.

Hands: blued Steel.

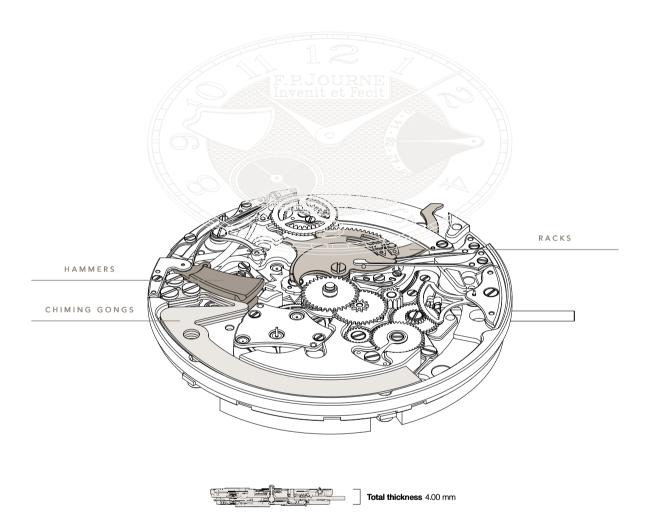




### A UNIQUE AND UNPRECEDENTED

CONSTRUCTION

PATENT - EP 1 760 549 A1
PATENT - WO 2009/121198 A1



# Patented Mechanism of the Répétition Souveraine

Two essential technical developments allowed F.P. Journe to construct this ultra-slim minute repeater movement.

1

The first concerns the flat gongs, which are similar to those of the Sonnerie Souveraine and produce a louder and clearer tone than traditional gongs. Since these gongs are mounted under the dial, rather than around the movement as is usually the case, there is more room left for the movement.

Secondly, the innovative striking rack system and strike selection mechanism, which require much less space than conventional striking mechanisms.

F.P. Journe's Répétition Souveraine uses the same hammer to strike both hours and minutes. Thus, there is a natural pause between the hour and minutes chimes, when there is no quarter hour chime. The quarter hours sound by the traditional two-tone chime. An inertia regulator controls the chiming speed, thus eliminating the background noise that is usually associated with traditional air regulators.

#### ULTRA-FLAT MINUTE REPEATER

A WORLD PREMIERE

"First invented in the early 18<sup>th</sup> century, the repeater allowed people to "hear" the time at night, when they could not see watch or clock dials. Activating a pusher on the case pendant made the hammers strike gongs to sound the hours, quarters and minutes.

The minute repeater is surely the second most sophisticated complication in horology after the Grande Sonnerie. I wanted to make a minute repeater unlike any other. In order to create this extra-flat movement, only 4.00 mm thick, an original and unprecedented construction had to be designed.

Looking at the watch, one would never guess the complexity of the mechanism behind the uncluttered Silver guilloché dial with blued Steel hands. On the dial, which resembles that of the Chronomètre Souverain, there is a discreet yet interesting aperture between 9 and 10 o'clock, where one can see the hammers of the striking mechanism. They sound the hours, quarter hours and minutes by means of an indented slide, cleverly placed on the case band at 10 o'clock. For the first time the dial's indications are dark blue in colour, like the blued Steel hands.

With an overall height of 8.80 mm, the Steel case of the Répétition Souveraine is only 0,40 mm thicker than that of the Chronomètre Souverain. The Répétition Souveraine can hardly be compared to the Sonnerie Souveraine, for the two watches have little in common with the exception of the patented gongs and the Steel case. The reason behind its creation was my desire to construct a minute repeater that would mark the history of horological science. Just 4.00 mm thick, The Répétition Souveraine's movement of only 4.00 mm in thickness has all the same chronometric characteristics as that of the Chronomètre Souverain, with only 0.35 mm more!

To create this type of mechanism, I had to forget everything that had previously been done and start with a blank page. The result was that I was at last able, exceptionally, to house the watch in a Steel case. This is due to the fact that Steel is the metal that best conducts the gongs' vibrations. The challenge was heightened by the fact that the watch is also water resistant.

While the Répétition Souveraine shares its horological heritage with the Chronomètre Souverain, the complexity of the minute repeating mechanism requires that twice the number of components be housed within the same amount of space."

François-Paul Journe

# CALIBRE 1408

DETAILS



18 K rose Gold, manual winding.

Indications: hours, minutes, small seconds, strikes the hours, quarters and minutes at will, power reserve.

Frequency: 21'600 V/h Overall diameter: 32.20 mm Overall height: 4 mm Number of components: 312 Number of jewels: 33

Autonomy: 56 h

# **EXCLUSIVE**MECHANISM



# Patents

EP 1 760 544 A1 EP 1 760 549 A1 WO 2009 / 121198 A1

ULTRA-FLAT MOVEMENT

A MECHANICAL FEAT, ONLY 4 MM THICK

SOUVERAINE COLLECTION



#### SONNERIE SOUVERAINE

Before plunging into the heart of the mechanism, the soul of this universally moving technical marvel, we must remember that there can be no good music without a good conductor. In order for us to truly appreciate music, it must be rhythmic and precise. That is why this time measurement instrument is driven by a manually wound movement whose efficiency is inseparably linked to François-Paul Journe's watchmaker's habit of going straight to the heart of the matter.

This unique Steel watch, 42 mm in diameter and only 12.25 mm thick, has a white Gold dial with a second guilloché Silver hour and minutes dial that is held in place by a screwed ring, one of the brand's signatures. An aperture on the left reveals the two hammers, which possess three chiming modes: Grande Sonnerie, Petite Sonnerie and striking the hours, quarters and minutes. An unprecedented selection system allows the choice between Grande Sonnerie, Petite Sonnerie and Silence (GSP).

Its exceptional manually wound movement, manufactured in 18 K rose Gold and made up of 408 components, may be viewed through the sapphire crystal case back. All the components of this reliable and resolutely innovative movement have been carefully and patiently fashioned. A new patent was registered for the extra flat gongs, which produce a stronger and clearer sound than traditional gongs. The blades, 3/10 of a millimeter thick, are mounted under the dial, leaving space around the movement.

As for the Répétion Souveraine, F.P. Journe prefers Steel for the case of the Sonnerie Souveraine instead of Platinum or 18 K red Gold as Steel is the best conductor of sound, producing strong and crystalline tones.

The Sonnerie Souveraine received the Aiguille d'Or prize at the Geneva Grand Prix d'Horlogerie in 2006. It was also named Watch of the Year at the Grand Prize of Japan in 2006.

#### Sonnerie Souveraine\_ Ref. GS Calibre 1505

Indications: off-centre hours and minutes, small seconds, power reserve.

Grande Sonnerie Mode: Strikes the hours and quarters in passing each quarter hour.

Petite Sonnerie Mode: Strikes in passing the hour, the hour and first quarter, and then only the quarter hours.

Minute Repeating Mode: Strikes the hours, quarters and minutes at will.

Case: 42 mm diameter in Steel, overall height 12.25 mm, sapphire crystal case back.

Dial: white Gold and whitened guilloché Silver.

Hands: blued Steel.

#### SONNERIE SOUVERAINE SOUVERAINE COLLECTION



Dial white Gold and Silver Hands blued Steel Case and Bracelet Steel







CALIBRE 1505 VIEW OF THE MOVEMENT WHITOUT BACKPLATE OR BRIDGES

# HIMALAYA OF HOROLOGY: THE SONNERIE SOUVERAINE

"The Grande Sonnerie watch with Minute Repeater is the most complex of horological creations. The greatest difficulty in its construction was to insure full grande sonnerie function, using the limited energy

reserves of a wristwatch, without adversely affecting the chime's sonority or reliability.

In this watch, a single mainspring provides enough energy for 27 hours in Grande Sonnerie mode (96 chimes in 24 hours) and over 48 hours of time indication. The chiming alone uses 60% of the mainspring's energy. In Silence mode, without the chime, the time indication movement functions for five days.

The construction of this movement was thus a continual quest to maximise mechanical efficiency, in order to achieve 912 hammer strikes every 24 hours. The result was obtained by economising energy and by using gentle mechanisms and a low-tension movement that requires extremely precise adjustment to insure unfailing chiming 35,040 times a year.

In the past, it has always been risky to use a Grande Sonnerie watch. The slightest error - for example, adjusting the time while the watch is chiming - could seriously damage the watch's delicate mechanisms.

Therefore, the first entry in my specification book for this watch was: "make the watch so that an eight year old child can manipulate it safely without damaging it". I must say this was the most difficult challenge of my career!

To meet this challenge I had to construct a movement based on new mechanical principles. Thus, according to the brand's motto, ten patents testify to the "Invenit" portion of the watch, while the "Fecit" took six years of research and development.

The F.P. Journe Sonnerie Souveraine is the first striking watch in horological history that provides total security and true comfort, ensuring for the first time that the mechanism cannot be damaged by incorrect manipulation.

The sense of hearing has allowed the development of a new sensation and a novel relation to time. The owner engages in a constant dialogue with his watch.

Each Sonnerie Souveraine is "baptised". It has no number, but bears the name of its owner instead. By giving your own name to your watch, you also give it a *raison d'être*, an identity, and a personality, for all time."

François-Paul Journe

# CALIBRE 1505

DETAILS



18 K rose Gold, manual winding.

Indications: grande sonnerie, petite sonnerie, silence mode, minute repeat at will, hours, minutes, small seconds, power reserve.

Frequency: 21,600 V/h Overall diameter: 35.8 mm Overall height: 7.8 mm Number of components: 408 Number of jewels: 40

Autonomy:

48 h in Grande Sonnerie mode 24 h approximately, after strike runs down 120 h in Silence mode

# EXCLUSIVE MECHANISM



Patents EP 1 760 544 A1

EP 1 760 545 A1

EP 1 760 548 A1

EP 1 760 549 A1

EP 1 760 550 A1

EP 1 760 551 A1

EP 1 760 552 A1

EP 1 760 553 A1 EP 1 760 554 A1

EP 1 760 555 A1

# 6 YEARS OF RESEARCH

10 PATENTS



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linesport



LINESPORT COLLECTION



François-Paul Journe, master watchmaker and constructor constantly seeking precision and innovative horological mechanisms, reveals the lineSport. This new, sporty and exclusive way of measuring time was developed upon the request of an important watch collector and devotee of E.P. Journe watches.

The Octa Sport is an unprecedented astonishingly light watch thanks to a Titanium case and an aluminium alloy movement specially conceived and designed for intense sports activity.

François-Paul Journe did extensive research to find an ultra light and highly resistant material to house his exceptional calibres, while maintaing the haute horology standards that he defends every day. The Octa Sport is fitted with an aluminium alloy F.P. Journe movement that has a Titanium rotor with a Tungsten segment. The entire watch weighs only 60 grams with a rubber strap, and 70 grams with a Titanium bracelet.

The switch to aluminium, from the 18 K rose Gold used in all other F.P. Journe movements, was not easy for obvious technical reasons. F.P. Journe carried his aesthetic research even further, seeking the perfect colour contrast for this watch.

Rubber inserts are fitted to the case band, the end of each bracelet link, and the groove for the crystal, by means of an unprecedented process; this protects the watch from jolts and shocks. The crown and Titanium deployant clasp, featuring the F.P. Journe logo, are also protected by a rubber coating. On the Titanium bracelet, the buckle additionally features a winter/summer adjustment system that tightens or expands it by a half-link (5 mm).

Octa Sport\_ Ref. ARS Calibre 1300.3

Indications: central hours and minutes, small seconds, instantaneous jump large date, day/night indication, power reserve.

Case: 42 mm diameter in Titanium with rubber inserts.

Overall height 11.6 mm, sapphire crystal case back.

Bracelet: Titanium with rubber inserts.

Dial: Aluminium alloy and sapphire with luminescent indexes.

Hands: luminescent in Steel, in red and white lacquered Titanium.

# OCTA SPORT LINESPORT COLLECTION



Dial Aluminium alloy and sapphire with luminescent indexes and numbers

Hands luminescent Steel, in red and white lacquered Titanium

Case Titanium with rubber inserts

Bracelet rubber



# CALIBRE 1300.3 DETAILS



Aluminium alloy,
Off centre rotor in Titanium and Tungsten,
automatic winding.

Indications: hours, minutes, small seconds, Instantaneous large date, day/night indication, power reserve.

> Frequency: 21,600 V/h Overall diameter: 30.8 mm Overall height: 5.7 mm Number of components: 286 Number of jewels: 40

> > Autonomy: over 120 h

## EXCLUSIVE MECHANISM



AN IDEAL BALANCE BETWEEN
FORCE, WINDING SPEED AND EFFICIENCY

CENTIGRAPHE SPORT LINESPORT COLLECTION



#### CENTIGRAPHE SPORT

The Centigraphe Sport in Titanium is fitted with a mechanically wound aluminium alloy movement. A unique and astonishingly light watch specially conceived and designed for intense sports activity, weighing only 60 grams with a rubber strap and 70 grams with a Titanium link bracelet.

The Centigraphe Sport was inspired by an important collector, aficionado of F.P.Journe watches, who engaged in triathlon competitions and wanted an extremely light sports watch with an authentic haute horology movement. The Centigraphe indicating 100 ths of a second, was clearly the perfect watch for people who excel at sports in which each second counts.

In everything he undertakes, this collector follows his dreams and is absolutely committed to achieving his goal. In order to excel at his new activities, he changed his lifestyle completely. Once a great epicure, he went on a strict diet and lost a lot of weight in a very short time, while still remaining in excellent health.

François-Paul Journe wished to pay homage to the mental and physical accomplishment of this exceptional collector, a self-made man like himself, who became a master of extreme sports by sacrificing everything to his passion.

The Centigraphe Sport, like the Centigraphe Souverain, supports the medical research of the ICM (Institut du Cerveau and de la Moelle Epinière) in Paris. 30% of the profits from the sale of each Centigraphe are donated to the ICM.

www.icm-institute.org

Centigraphe Souverain\_ Ref. CTS Calibre 1506

Indications: central hours and minutes, 1 second register at 10 o'clock, 20 second register at 2 o'clock, 10 minute register at 6 o'clock.

Case: 42 mm diameter in Titanium with rubber inserts.

Overall height 11.6 mm, sapphire crystal case back.

Bracelet: rubber.

Dial: Aluminium alloy, registers in sapphire, luminescent indexes and numbers. Hands: luminescent in Steel, red lacquered Titanium.

### CENTIGRAPHE SPORT LINESPORT COLLECTION



Dial Aluminium alloy and sapphire with luminescent indexes

Hands luminescent in Steel and Superluminova, in red lacquered Titanium

Case and Bracelet Titanium with rubber inserts



### CALIBRE 1506

DETAILS



Aluminium alloy, manual winding.

Indications: 100<sup>th</sup> of a second chronograph, hours, minutes, 1 second register, 20 second register, 10 minute register.

> Frequency: 21,600 V/h Overall diameter: 34.40 mm Overall height: 5.6 mm Number of components: 284 Number of jewels: 50

Autonomy: 80h or 24h when chronograph is running.

# **EXCLUSIVE**MECHANISM



## Brevet

EP 1 978 424 A1 EP 1 818 734 A1

### MEASURES ELAPSED TIMES

FROM 100 TH OF A SECOND TO 10 MINUTES



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THIS CHAPTER IS DEDICATED TO EXCLUSIVE COLLECTIONS RESERVED SOLELY FOR THE BOUTIQUES AND ESPACES F.P.JOURNE.





QUANTIÈME PERPÉTUEL
BOUTIQUE EDITION

### BOUTIQUE EDITION

In order to set his Boutiques and Espaces apart, F.P. Journe decided to create collections especially reserved for these places of privilege and exception. Thus was created the first Boutique Edition, with a black dial and an 18 K red Gold case.

The brand, which always begins designing its watches by their dials, had to be extremely ingenious and inventive to find the technical solutions that best fit their aesthetic quest.

The F.P. Journe brand, which possesses its own dial workshop, had no limits other than those of its own imagination. For this Boutique Edition they created a unique and very distinguished black dial that completes and enhances the elegance of the brand's watches, which are famous for the aesthetic resonance between its dials and movements. The irreproachably elegant black dial now adorns the Boutique Editions of F.P. Journe's 18 K red Gold creations.

The Boutique Edition, with black dial and 18 K red Gold case, is available only in F.P. Journe Boutiques and Espaces, for all models of the Octa and Souveraine collections available with red Gold case.

Quantième Perpétuel\_ Ref. QP Calibre 1300.3

Indications: central hours and minutes, central indication of the leap year by a hand, indication of the large date and the month in windows, power reserve.

Case: 40 or 42 mm diameter in 18 K red Gold, overall height 11 mm, sapphire crystal case back.

Dial: black nickel on Gold and whitened Silver.

Hands: Golden Steel 5N.

## CHRONOMÈTRE À RÉSONANCE

BOUTIQUE EDITION



Dial black nickel on Gold and whitened Silver Hands 5N gilt Steel Case red Gold



### TOURBILLON SOUVERAIN

BOUTIQUE EDITION



Dial black nickel on Gold and whitened guilloché Silver Hands blued Steel and 5N gilt Case red Gold



OCTA AUTOMATIQUE LUNE BLACK LABEL COLLECTION



### BLACK LABEL COLLECTION

Although his production is already limited to approximately 900 watches per year, F.P. Journe wanted to create an even more exclusive timepiece that would be available only to owners of an F.P. Journe watch: the Black Label collection.

To complement the case made of Platinum, the most precious of all metals, F.P. Journe has created a fetching black dial that enhances the elegance of the brand's watches. A sign of belonging to the exclusive circle of owners of an F.P. Journe watch, the Black Label collection is the perfect embodiment of collectors' sovereign desire.

The Black Label collection is available only at F.P. Journe Boutiques worldwide, and for all the models of the current collection in Platinum. It is distributed according to a strict protocol, 12 examples per Boutique per year, including a maximum of 2 examples of the same model. The Black Label Collection is also available at Espaces F.P. Journe, upon special request.

Octa Automatique Lune\_ Ref. AL Calibre 1300.3

Indications: central hours and minutes, small seconds, instantaneous jump large date, moon phases, power reserve.

Case: 40 mm diameter in Platinum, overall height 10.6 mm, sapphire crystal case back.

Dial: black nickel on Silver guilloché.

Hands: rhodium plated Steel.

# CHRONOMÈTRE OPTIMUM

BLACK LABEL COLLECTION



Dial black nickel on Gold and whitened guilloché Silver Hands blued Steel and rhodium plated Case Platinum



# CENTIGRAPHE SOUVERAIN BLACK LABEL COLLECTION



Dial black nickel on Gold and whitened Silver Hands blued Steel and rhodium plated Case Platinum





OCTA AUTOMATIQUE RÉSERVE NACRE COLLECTION

### NACRE COLLECTION

Horological alchemy, the quest for beauty, and chronometric precision are the starting points for each new watch we create. After the first Boutique Collection, F.P. Journe innovates once again, blending elegance and expertise in the Collection Boutique Nacre.

F.P. Journe reveals its dial combining the mystery of mother-of-pearl in the hour ring and blue Arabic numerals, with the timeless elegance of clous de Paris guilloché in the centre. The version with red Gold case subtly blends pink mother of pearl with a red Gold guilloché centre, while the Platinum version features a blue mother of pearl hour ring with a Silver clous de Paris guilloché centre.

The pink or blue mother-of-pearl dial with Silver guilloche, is available for the Chronomètre Souverain, the Octa Automatique Lune and the Octa Automatique Réserve, with 18 K red Gold or Platinum case.

The Collection Nacre is exclusively available in the Boutiques and Espaces F.P. Journe

Octa Automatique Réserve\_ Ref. AR Calibre 1300.3

Indications: central hours and minutes, small seconds, instantaneous jump large date, power reserve.

Case: 40 mm in diameter in Platinum or 18 K red Gold, overall height 10.6 mm, sapphire crystal case back.

Dial: centre in Silver guilloché with outer ring in blue or pink mother of pearl.

Hands: blued Steel.

## OCTA AUTOMATIQUE LUNE

NACRE COLLECTION



Dial centre in Silver guilloché with outer ring in blue or pink mother of pearl Hands blued Steel Case Platinum or red Gold



### CHRONOMÈTRE SOUVERAIN

NACRE COLLECTION



Dial centre in Silver guilloché with outer ring in blue or pink mother of pearl.

Hands blued Steel

Case Platinum or red Gold





CENTIGRAPHE SOUVERAIN

#### CENTIGRAPHE SOUVERAIN «F»

The renowned Centigraphe Souverain, a chronograph that measures 100 ths of seconds, combines the universe of Haute Horology with the world of sports. The "Formula" version further strengthens its ties with automobile racing. This very exclusive version, available on request only, has a red chrome dial, yellow hands, and three blackened Silver registers that further accentuate the sporty look of this unique chronometer.

The Centigraphe Souverain is an unprecedented manually wound chronograph that displays elapsed times from one hundredth of a second to 10 minutes, on three dials with white indications. The tachometer scales convert units of time into speeds ranging from 6km/h - or walking speed-to 36,000 km/h, a speed much greater than the escape velocity of a rocket. The manually wound mechanical movement is manufactured in 18 K rose Gold.

This special edition of the Centigraphe Souverain "F", which is available only with Platinum case and bracelet, perfectly conveys the universe of automobile racing.

Centigraphe Souverain F\_ Ref. CT F Calibre 1506

Indications: central hours and minutes, 1 second register at 10 o'clock 20 second register at 2 o'clock, 10 minute register at 6 o'clock.

Case: 40 mm diameter in Platinum,
overall height 10.1 mm, sapphire crystal case back.

Dial: red chrome and blackened nickel on Silver.

Hands: yellow lacquered Steel and red lacquered Titanium.

Bracelet: Platinum.



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JEWELLERY COLLECTION



#### OCTA DIVINE SERTIE

A worthy heir to the Octa collection, the Octa Divine with automatic winding features three complications: central hours and minutes, small seconds, moon phases, power reserve of over 120 hours, and large date.

The automatic winding movement of the Octa Divine is manufactured in 18 K rose Gold, like all the watches of the Octa and Souveraine collections. Its construction is based on the calibre 1300.3, with space left to insert all the complications of the Octa collection. It also features the exclusive off-centre F.P. Journe rotor in 22 K red Gold, offering unequalled efficiency.

The distinctive F.P. Journe aesthetic is apparent with the hour ring screwed on the dial and the seconds subdial at the lower right, one of the brand's signatures. The moon phase is indicated by a metallised sapphire disc that advances by one notch each time the date changes.

In order to please his sophisticated women clients, F.P. Journe created the Octa Divine in 36 mm. diameter, as the first jewellery model of the collection. The Octa Divine is available with three different types of diamond setting; the first with case and dial set with 2.32 carats of brilliant cut diamonds and a leather strap, the second with case and bracelet in Platinum or 18K red Gold partially set with 6.12 carats of brilliant cut diamonds and the third with the case and bracelet in Platinum or 18K red Gold partially set and dial pave-set with brilliant cut diamonds for 6.48 carats in total. The clasp is also set with diamonds. This extremely elegant watch, which has the strong identity of F.P. Journe watches, has immediately become a model of reference.

#### Octa Divine Sertie\_ Ref. D Calibre 1300.3

Indications: central hours and minutes, small seconds, instantaneous jump large date, moon phases, power reserve.

Case: 36 mm in diameter, in Platinum set with 184 brilliant cut diamonds VVS F/G ~1.96 carats, Overall height 10.6 mm, sapphire crystal case back.

Dial: White Gold and Silver set with 320 brilliant cut diamonds VVS F/G ~0.36 carat. Hands: blued Steel.

Ardillon buckle: set with brilliant cut diamonds.

# OCTA DIVINE SERTIE JEWELLERY COLLECTION



 $\label{eq:def:Dial} \begin{tabular}{ll} \textbf{Dial} \ white \ Gold \ and \ Silver \ set \ with \ 320 \ brilliant \ cut \ diamonds \ WS \ F/G \ \sim 0.36 \ carat. \\ \begin{tabular}{ll} \textbf{Case} \ Platinum \ or \ red \ Gold \ set \ with \ 184 \ brilliant \ cut \ diamonds \ WS \ F/G \ \sim 1.96 \ carats. \\ \begin{tabular}{ll} \textbf{Bracelet} \ Platinum \ or \ red \ Gold \ partially \ set \ with \ 466 \ brilliant \ cut \ diamonds \ WS \ F/G \ \sim 4.16 \ carats. \\ \begin{tabular}{ll} \textbf{Deployant} \ clasp \ set \ with \ brilliant \ cut \ diamonds \ where \ diamonds \ diamonds \ where \ diamonds \ where \ diamonds \ where \ diamonds \ diamonds \ diamonds \ where \ diamonds \$ 





TOURBILLON SOUVERAIN SERTI JEWELLERY COLLECTION

#### TOURBILLON SOUVERAIN SERTI

In 1999, F.P. Journe launched the Tourbillon Souverain, the first model of the Souveraine collection, and the only tourbillon wristwatch with remontoire. Even today, it remains a reference in terms of precision.

Driven by his passion for timekeeping research and his creative needs, François-Paul Journe added a dead beat seconds to the remontoire. The exceptional manual winding movement in 18 K rose Gold, visible through the sapphire crystal case back, incorporates the remontoire system that François-Paul Journe has favoured for its chronometric performance since 1983. It is now enhanced by the dead beat seconds system.

This complication, unique in a contemporary wristwatch, offers great precision. In the "dead beat second" the hand remains immobile (dead) until the second has actually elapsed; it only indicates the second once it has passed. The dial has the distinctive look of all F.P. Journe chronometers. The guilloché Silver hour, minutes and seconds subdial is held in place by a circle that is screwed onto the second dial, one of the brand's signatures.

In addition to these spectacular mechanisms, F.P. Journe has enhanced the tourbillon's magic with the magnificence of diamonds, creating the Tourbillon Souverain Haute Joaillerie. For this prestigious creation made entirely in Platinum, F.P. Journe combines the technical dexterity of his Haute Horology mechanical movements with the virtuosity of jewellers and stone-setters.

The Tourbillon Souverain was awarded the Aiguille d'Or prize at the Geneva Grand Prix d'Horlogerie in 2004. It was also elected Watch of the Year at the Grand Prize of Japan in 2004.

#### Tourbillon Souverain Serti\_ Ref. TN Calibre 1403.2

Indications: off-centre hours and minutes, small seconds, power reserve.

Case: 40 mm diameter in Platinum set with 93 baguette diamonds VVS1 D/E ~12.90 carats,

Overall height 9.9 mm, sapphire crystal case back.

Dial: white Gold and guilloché Silver set with 201 brilliant cut diamonds ~0.28 carat.

Hands: blued Steel.

Deployant clasp: set with 18 baguette diamonds VVS1 D/E ~1.08 carats.

## TOURBILLON SOUVERAIN SERTI

JEWELLERY COLLECTION



Dial white Gold and guilloché Silver set with 201 brilliant cut diamonds ~0.28 carat.

Case Platinum set with 93 baguette diamonds VVS1 D/E ~12.90 carats.

Bracelet and clasp Platinum set with 332 baguette diamonds VVS1 D/E ~25.76 carats.





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PHILOSOPHY

OF THE ÉLÉGANTE

If electronics had existed in the 18th century for Marine Chronometry, the master horologists would have used it for navigation, to achieve maximum precision combined with elegant construction and luxurious

design.

F.P. Journe produces Haute Horology movements visible through a sapphire case back that reveal their

beauty, exceptional finishing and noble decoration. For the élégante, F.P. Journe retains his characteristic

haute horology specifications also visible through a sapphire case back.

The horological expertise demonstrated in F.P. Journe watches and their exclusive assembly process are

combined in the "élégante".

The basic conception of the electronic components is extremely important. This is why F.P. Journe has

developed an efficient movement that consumes less energy, benefiting the environment. The "élégante's"

integrated circuit features very high-performance electronic components, offering 8 to 10 years autonomy when the watch is worn and up to 18 years in standby mode. As an ultimate touch, on the back of the

movement a heart marks the location of the microprocessor symbolizing the heart of the watch.

The flat Tortue shaped case, with rubber strap has an ergonomically perfect design that combines sen-

suality with a perfect fit for all wrist sizes. For the dial F.P. Journe has remained faithful to his philosophy of

absolute legibility.

At once classic and contemporary, embodying the inherent magic of all F.P. Journe creations, the "élégante"

will surely make its mark on horological history.

CALIBRE 1210

ELECTROMECHANICAL MOVEMENT

1 9



#### A REVOLUTIONARY

#### NEW HOROLOGICAL CONCEPT

Conciliating tradition, innovation and modern technology, F.P. Journe has developed a revolutionary horological concept. It was designed and conceived with extremely precise technical specifications to provide this watch an exceptionally long period of autonomy - 8 to 10 years in daily use and up to 18 years in standby mode.

It took 8 years of research to develop this innovative movement combining comfort and ease of use with the performance of an electromechanical watch, and blending elegance and precision. The "élégante" allows time to be stopped and started again, which is the dream of every watchmaker...

This electromechanical watch is fitted with a mechanical motion detector that is visible on the dial between 4 and 5. After 30 minutes without motion, the "élégante" switches to standby mode in order to save energy and its hands stop turning.

In standby mode the microprocessor continues to measure time, but the mechanical elements - gear train, rotors and hands, stop moving.

As soon as the "élégante" is worn again, it automatically sets itself to the correct time, with the hands taking the shortest path, whether clockwise or counter-clockwise.

All the mechanical elements of the movement of the élégante" are manufactured by F.P. Journe, following his standards of state-of-the-art excellence in Haute Horology. The electronic parts are made in Switzerland according to strict criteria, including a microprocessor designed specifically for this watch.

#### élégante\_ Ref. ELT Calibre 1210

Indications: central hours and minutes, small seconds.

Case: flat Tortue®, 40 x 35 mm in Titanium with cloisonné inserts, set with 38 brilliant cut diamonds VVS F/G ~ 0.50 carat,
water resistant to 3 atm, overall height 7.35 mm, screw-down crown, sapphire crystal case back.
Dial: centre in luminescent sapphire, outer dial with screwed Steel elements.
Hands: blued Steel.

Bracelet: rubber, available in 6 colours:
white, light blue, midnight blue, pink, chocolate and khaki green.







#### INNOVATION

## AND COMFORT OF USE

The luminescent dial of the "élégante" in Titanium resembling white mother-of-pearl, features a novel design. It offers maximum legibility at night, when the hands indicate the time as in a shadow play. As a finishing touch, F.P. Journe has chosen a flat Tortue case (trademarked®).

François-Paul Journe explains: "I created a different watch dedicated to comfort of use and adapted to modern needs. I wanted a watch that was different, very comfortable to wear and providing a very long autonomy. Today the élégante features the only electromechanical movement conceived and made for the luxury market, and offering a true vision of luxury."

The case of the "élégante" in 40 mm is available in Titanium, with cloisonné inlays in 6 different colours and a matching rubber strap: white, light blue, midnight blue, pink, chocolate and khaki green. Its ergonomic shape hugs the curves of the wrist. The 18 K red Gold version is offered with a chocolate-coloured strap and the Platinum version with a midnight blue strap.

The "élégante" is also available with a case in Platinum or in 18 K red Gold in a pavé-set diamond Joaillerie version; the dial may be set with diamonds on request.

The very long autonomy and comfort of the élégante is also available in 48 mm. It establishes a contemporary urban style with its enlarged case in brushed and polished Titanium and its navy blue rubber strap.





# ÉLÉGANTE

40 MM

# CASE IN TITANIUM SET WITH DIAMONDS



# ÉLÉGANTE

40 MM

# CASE IN TITANIUM SET WITH DIAMONDS



ÉLÉGANTE 48 MM

CASE IN TITANIUM



élégante\_ Ref. ELHT Calibre 1210

Indications: central hours and minutes, small seconds.

Case: flat Tortue® 48 x 40 mm in polished and brushed Titanium,
water resistant 3 atm, overall height 7.95 mm, screw-down crown, sapphire crystal case back.

Dial: centre in luminescent sapphire, outer dial with screwed Steel elements.

Hands: blued Steel.

Bracelet: midnight blue rubber.







#### ÉLÉGANTE

40 MM

18K RED GOLD CASE SET WITH DIAMONDS



élégante\_ Ref. EL Calibre 1210

Indications: central hours and minutes, small seconds.

Case: flat Tortue®, 40 x 35 mm in 18 K red Gold,
set with 38 brilliant cut diamonds VVS F/G ~0.50 carat, water resistant to 3 atm,
overall height 7.35 mm, screw-down crown, sapphire crystal case back.

Dial: centre in black sapphire, outer screwed Steel elements.

Hands: 5N gilt Steel.

Bracelet: chocolate rubber.



#### **ÉLÉGANTE** 40 MM

CASE IN PLATINUM SET WITH DIAMONDS



élégante\_ Ref. EL Calibre 1210

Indications: central hours and minutes, small seconds.

Case: flat Tortue® 40 x 35 mm in Platinum,
set with 54 brilliant cut diamonds VVS F/G ~0.62 carat, water resistant 3 atm,
overall height 7.35 mm, screw-down crown, sapphire crystal case back.

Dial: centre in white sapphire, outer screwed Steel elements.

Hands: blued Steel.

Bracelet: midnight blue rubber.



#### ÉLÉGANTE 40 MM

PLATINUM OR 18K RED GOLD FULL SET



### élégante\_ Ref. EL Calibre 1210

Indications: central hours and minutes, small seconds.

Case: flat Tortue®, 34 x 35 mm in Platinum or in 18 K red Gold, set with 281 brilliant cut diamonds VVS F/G ~3.23 carats, water resistant 3 atm, overall height 7.35 mm, screw-down crown, sapphire crystal case back.

Dial: centre set with 381 brilliant cut diamonds VVS F/G ~0.6 carat, outer screwed Steel elements.

Hands: blued Steel.

Bracelet: midnight blue or chocolate rubber.



## **ÉLÉGANTE** 40 MM

## PLATINUM CASE ARTISTIC SET



## élégante\_ Ref. EL Calibre 1210

Indications: central hours and minutes, small seconds.

Case: flat Tortue® 40 x 35 mm in Platinum set with
787 brilliant cut diamonds VVS F/G ~1.05 carats and sapphire ~1.09 carats,
water resistant 3 atm, overall height 7.35 mm, screw-down crown, sapphire crystal case back.

Dial: centre set with 381 brilliant cut diamonds VVS F/G ~0.6 carat,
outer screwed Steel elements.

Hands: blued Steel.

Bracelet: midnight blue rubber.





## S ш 2 0 S S ш U U 4

MEN WEAR VERY LITTLE JEWELLERY,
THEREFORE F.P.JOURNE HAS CREATED
HANDSOME MASCULINE ACCESSORIES:
AN ASTONISHING FOUNTAIN PEN
WITHOUT CAP, ACCOMPANIED BY A
ROLLER, AND CUFFLINKS - PERFECT
COMPLEMENTS TO HIS WATCHES.

## INNOVATION, REFINEMENT

AND SOBRIETY

François-Paul Journe has always designed timekeeping instruments; watchmakers the world over admire his ingenuity and his unique sense of technique and innovation.

Men wear very little jewellery, therefore F.P. Journe wanted to create handsome accessories for them, like his astonishing capless fountain pen accompanied by a roller, which is entirely hand-guilloché and lacquered for a smooth feel, and his cufflinks, which are perfect complements to his watches.

The luxurious cufflinks are made with the same attention to detail and desire for perfection as his timepieces. They are made of the same materials as his exclusive horological creations, Platinum and 18 K red Gold, and are entirely guilloche in the finest artisanal tradition, with hardstone centres. All types of hardstone are available, as well as mother-of-pearl.

The cufflinks are available exclusively in F.P. Journe Boutiques.





WRITING INSTRUMENT ACCESSORIES

## A WRITING INSTRUMENT

OF A UNIQUE KIND

Made with the same sense of detail and perfection as the brand's timepieces, the first F.P. Journe writing instruments are presented in a box containing a unique capless fountain pen and a roller. They are made of the same materials as his exclusive horological creations, Platinum PT 950 and 18 K red Gold, with Titanium.

While pen caps are impractical because they are easily lost or misplaced, they protect the pen nib from shocks and keep the ink from drying out due to contact with the air. They also protect other items from ink stains. F.P. Journe has developed a fountain pen based on a totally new concept, with no cap but furnishing all the necessary protection. The pen's highly inventive retraction system is protected by patent EP 07 405 119.4. The pen tip has 6 flaps that open and close like delicate flower petals.

Entirely hand guilloché in the finest artisanal tradition and lacquered for a smooth feel, F.P. Journe writing instruments are produced in a limited edition of 500 examples. The 18 K red Gold version features an 18 K red Gold nib that is entirely hand polished, and the blue lacquered Platinum version has the first nib ever made in Platinum. Blending the art of the jeweller with that of the goldsmith, these exclusive and timeless pieces are sure to become a legend among fountain pens.

## Writing instrument

Body of the fountain pen: Platinum and Titanium guilloché, blue lacquered or 18 K red Gold and Titanium guilloché.

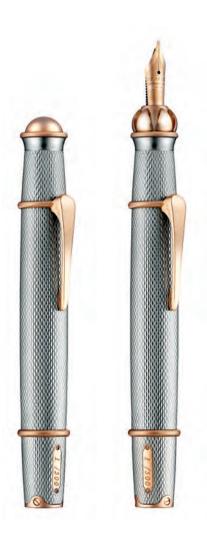
Nib: Platinum or 18 K red Gold.

Length: closed: 11.5 cm, open: 14 cm.

Body of the roller: Platinum and Titanium guilloché, blue lacquered or 18 K red Gold and Titanium guilloché.

Length: 11.7 cm.

## FOUNTAIN PEN WRITING INSTRUMENT



**Body of fountain pen** 18K red Gold and Titanium guilloché **Nib** 18K red Gold

ROLLER WRITING INSTRUMENT



**Body of roller** Platinum and Titanium guilloché, blue lacquered or 18 K red Gold and Titanium guilloché.

CUFFLINKS ACCESSORIES







## Cufflinks\_ Ref. BM

Metal: Platinum or 18 K red Gold.

Decoration: central hard stones or mother-of-pearl, knurled border.

Diameter: 17.8 mm

Available exclusively in the F.P. Journe Boutiques.

ADJUSTABLE DEPLOYANT CLASP ACCESSORIES



ACCESSORIES

## ADJUSTABLE DEPLOYANT CLASP

F.P. Journe's creativity and inventiveness remain at the service of precision and functionality with this unprecedented deployant clasp. It is fitted with a mechanism that allows rotation so that the ardillon can be adjusted in 8 different positions, separated each by 1 mm.

By turning the centre of the clasp's closing one obtains an 8 mm extension, thus allowing the bracelet to be adjusted by a simple and quick gesture. Absolute comfort for this patented technical innovation (patent EP 1 981 365).



Adjustable deployant clasp

Metal: Platinum or 18 K red Gold.
Diameter: 24.6 mm
Patent: EP 1 981 365



OUR ACCESSORIES ARE CREATED
WITH THE SAME SENSE OF
DETAIL AND PERFECTION AS
F.P.JOURNE TIMEPIECES.

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## MAINTENANCE ADVICE

## THE CARE OF OUR WATCHES

A watch can last indefinitely if it is given the care and attention it deserves. Every F.P. Journe precision chronometer is composed of several hundred tiny components that are in constant motion while the watch is in use.

Although each watch is created with the ultimate care and attention, some mechanical movements are more delicate than others, and may be altered with time. We therefore strongly recommend that owners of F.P. Journe timepieces have them regularly serviced, and that maintenance and cleaning be performed at least once every 4 years.

For maintenance or repair, your watch must be entrusted only to an appointed agent or an F.P. Journe Boutique or Espace. All repairs are guaranteed for one year following the date of the repair.

It is important to keep in mind that during each complete service of a watch's calibre, F.P. Journe performs a complete update, thus you can be sure your watch will always benefit from the latest technical improvements.







## MAINTENANCE

## A complete servicing includes:

- Dismantling and cleaning of the case.
- Service of the movement, including the update, cleaning and/or replacement, if necessary, of worn components.
- Lubrication of the movement.
- Checking and adjusting.
- Casing up, replacing the bezel and case back gaskets, checking the water resistance.
- Testing the rate and final check (functions and aesthetics).

## IMPORTANT

- Keep your warranty card in a safe place.
- This card must accompany your watch for each servicing.

## WARRANTY

Your F.P. Journe watch is covered by a warranty against any manufacturing flaw, for a period of 2 years as of the date of purchase appearing on the card or warranty certificate.

The warranty is valid only upon presentation of the original card or certificate, duly filled out by the authorised retailer (series number, date of purchase, retailer's stamp). The warranty does not cover normal wear or any damage resulting from abnormal use of the watch, accidents, or alterations.

## WARRANTY EXTENSION

To obtain an additional year of warranty coverage, please send the word "START" within 30 days after the date of your purchase in an F.P. Journe Boutique to the following e-mail address: cs@fpjourne.com. You will automatically receive a questionnaire to fill out.

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