

“FLEUR D’ORIENT” TABLE CLOCK

MODEL

Unique piece – Identification no.: 2041

DESCRIPTION AND FUNCTIONS

Grand complication and “Haute Joaillerie” clock, displaying the hour, minute and seconds.
Power reserve synoptic indicator, 8-day autonomy.
Frequency 14,400 Vib/h.
Pivoted detent detached escapement. Breguet overcoil balance-spring.
Instantaneous perpetual calendar, indicating the day, date, 48 months, and the leap year.
The perpetual calendar takes into account months of under 31 days, progressing directly to the 1st day of the respective following month. In leap years, the hand displays 29 February before progressing to 1 March. Corrections using a small key.
Grande sonnerie: chime sounding the hours and quarter-hours, plus time reminder.
Petite sonnerie: chime sounding the hours and quarter-hours.
Minute repeater, on demand.

Reference: C U52
Movement: Calibre Ø120 mm 10001 Thickness 51 mm

TECHNICAL DESCRIPTION, DECORATION

Key-wound movement with 8-day autonomy, plus instantaneous perpetual calendar, rhodium-plated, 5N18 red gilt gear train, 32 jewels including 15 screw-in chatons.
Bevelled bridges and hand-crafted mechanisms.
Circular “Côtes de Genève” decoration on the date and chime plates, as well as on the escapement holder.
Hand-engraved decoration, reminiscent of a corolla shape, on the rear main plate.
Chronometer pivoted detent detached escapement. The escapement wheel and balance screws are made from solid gold, and the counter-pivots from rose-cut diamonds.
Conoid fusee force regulator with chain, compensating for the mainspring torque variation.

GRANDE JOAILLERIE EXTERIOR

Cabinet with 18 ct white gold frame. (4 kilos)
The corolla comprises 120 light green nephrite jade caps, encrusted with an amethyst pattern, facet-cut in a “fan” shape and decorated with a square-cut “Princess” diamonds strip.
Each cap is held in place in the mount with gold screws.
The semi-spherical labradorite base rests on a plate inlaid with labradorite and nephrite jade.
The white gold mount is decorated and set with 960 round diamonds and 320 “Princess” diamonds.
On the dial side, the bezel is decorated with 132 square faceted emeralds and with 60 cabochon sapphires.
On the movement side, the bezel comprises an engraved and sculpted labradorite disc, surrounded with a decoration of 12 engraved nephrite jade caps, into which 24 amethyst patterns are pressed, decorated with round diamonds.
The white gold dial is decorated with engraved and sculpted spectrolite and nephrite jade parts, set with 650 round diamonds, with an aperture at 12 o’clock, protected by a crystal glass, for viewing the regulating part, and a day window at 2 o’clock, as well as applique date, applique chime, applique power reserve with indicator, applique small seconds, applique minute track and applique white gold mark, set with sapphire and diamond cabochons.
Number of stones used, and number of carats:
1488 square “Princess” diamonds, as well as 2050 round diamonds, T.W.-VVS,
for a total of 203 ct.
132 square cabochon emeralds, for a total of 15 ct.
120 baguette cabochon sapphires, for a total of 18 ct.

PARMIGIANI “javelin”-shaped blued steel hour and minute hands.
Blued steel date, small seconds and chime indicator hands.



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THIS SPECTACULAR PIECE IS ONE OF PARMIGIANI FLEURIER’S FIRST CREATIONS AND WAS UNVEILED WHEN THE BRAND WAS LAUNCHED ON 29TH MAY 1996. IT IS AS MUCH A DEMONSTRATION OF TECHNICAL AND WATCHMAKING EXPERTISE AS IT IS A DISPLAY OF THE ART OF GEMSTONE WORK AND DECORATION.

THE MOVEMENT

This measures 120 mm in diameter and is inspired by the construction of marine chronometers. The motor component, a barrel, is connected to a fusée which provides the train wheel with a constant torque. A pivoted detent escapement with a gold escapement wheel distributes the energy to the Invar balance fitted with gold screws.

The 8-day power reserve is shown by a diamond which moves along a rack.

PERPETUAL CALENDAR

The Flower of the Orient has a damped instantaneous perpetual calendar; this means that, at midnight, all the indicators jump in precise succession, like dominoes. The calendar shows the day, date, month, three normal years and the leap year.

CHIME AND REPEATER

Another truly refined complication, the Flower of the Orient has grande and petite sonnerie chimes, as well as a minute repeater function. When a petal is pressed, the clock sounds the exact time on two gongs. The petite sonnerie chimes the hour and quarter past the hour and the grande sonnerie chimes each quarter to the hour. The chime function can be set to silent for complete discretion.

STYLE AND BEAUTY

Each petal on the fresco represents the Ravenala (Traveller’s Palm).

The green stone is jadeite and the purple one in its centre is an amethyst. Each of these semiprecious stones is remarkably similar. They are grafted onto a truly unique gold honeycomb-type structure and the whole piece is the result of meticulous gemstone work – each tiny segment of the fresco must be adjusted individually.

The outline of each petal is stone-set with square diamonds and the Flower of the Orient comprises no fewer than 1488 in total. The indices are made from sapphires and the bezel is edged with emeralds and diamonds. Finally, the dial is made from stone-set solid gold.

The Flower of the Orient is truly an objet d’art which represents the Orient, travelling and a window on world cultures; it is also the supreme expression of artisan expertise. These are the core values upon which Parmigiani Fleurier was founded and which have continued to grow the brand ever since.

