

# DEMONACO

## The Quantieme Perpetual – QP-EZ

PICTURES (Titanium & Rose gold)

### **Description**

If you are lucky enough to be the proud owner of a watch with a Perpetual Calendar complication, you also know that if you need to change any of the settings of your watch for whatever reason, this is a difficult and long process, and sometimes can even only be done in a watch ateliers. Would it be nice if we could simplify this high end complication to its essence, so whenever you need to change any setting, you can do this with a simple push and turn of the crown?

Our own in-house developed and patented Perpetual Calendar with EaZy adjust system – with one simple push on the crown you can change the function between time – date – day - week- month and year, and if you have found the mode you want to change, simply turn the crown and adjust. This innovation will make something very cumbersome, very manageable for even the most technically challenged - EZ! The QP-EZ will be made in a limited edition of 88 pieces, and will be made available in Titanium, 18K Rose- and White-gold.

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Before the engineers and watchmakers at Ateliers deMonaco started the construction of the mechanism of the QP-EZ they asked themselves a question:

*“What is can we improve in the classic Perpetual Calendar mechanism that is used by other brand for decades?”*

They came up with the following 5 point of improvements:

**1. Readability**

To be able to have an easy to read perpetual calendar, Ateliers deMonaco uses big windows rather than hands.

**2. Precision**

Tolerances between -1 and 4 seconds/day, made also possible by silicium escape wheel .

**3. Reliability**

- Safety system to avoid damage calendar mechanism when changing the functions even at midnight there is no risk of damaging the mechanism.
- Safety system to avoid damage of calendar mechanism when turning the hands counterclockwise.

**4. Instantaneous**

Between 2 minutes before and two minutes after midnight all the functions will change at the same time instantaneously.

**5. EaZy to adjust**

With the patented EaZy to adjust system it is possible to choose a mode by pulling the crown in 2<sup>nd</sup> position and turning clockwise. By pushing the pusher inside the crown the calendar functions can be changed easily and quickly.

The goal of Ateliers deMonaco was to make the most Readable, Precise, Reliable and easy to adjust perpetual calendar ever made!

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## Mouvement

Quantieme Perpetual EZ Adjust

- Instantaneous perpetual calendar
- Patented Easy to adjust correction system
- Safety system for turning back the hands
- Automatic bi-directional winding
- Curved chamfered and hand guilloche decoration on bridges
- Hand engraved bi-colored solid gold 18K rotor
- Silicium escape wheel
- Frequency 28800 beats/hour (4 Hz)

## Functions

- Hour, Minutes, Big date, Day, Month, Week, Leap year,

- Retrograde EaZy Adjust function at 6 o'clock
- All functions can be adjusted by the crown (Mono Pousoir)

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## Case

- Diameter 43 MM
- Height 13.1 MM
- 31 parts overall
- Ultra light Titanium core
- Curved shaped 18K gold side panels
- Brushed, polished and assembled by hand
- See through case back
- Front and back sapphire crystal
- Multi-layered anti-reflection coating on sapphire crystal
- Hand engraved case back, secured with 4 gold screws
- Water resistant up to 3 ATM

## Dial

- Multy layer Titanium-tinted dial
- Deep sunray pattern engraving on base
- deMonaco formed index markers on hour-ring
- Applied hour index ring

## Hands

- 18K white gold hands

## Strap

- Ateliers deMonaco personalized hand stitched alligator strap
- 18K gold folding buckle, adjustable
- Folding clasp lock finished with curved chamfered edges engraved Ateliers deMonaco

## Edition

- Limited to 88 pieces

Retail price: as of € 26.800

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Institut Fédéral de la Propriété Intellectuelle  
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Division des brevets

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11 mars 2010

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Votre référence: 0076-FR-CH

**Certificat de dépôt pour la demande de brevet no 00322/10 (Art. 46b al. 1 OBI)**

L'Institut Fédéral de la Propriété Intellectuelle accuse réception de la demande de brevet Suisse dont le détail figure ci-dessous.

Titre:  
MECANISME DE CORRECTION D'AU MOINS DEUX INFORMATIONS AFFICHEES  
AUTRES QUE L'HEURE COURANTE, POUR MOUVEMENT HORLOGER.

Requérant:  
Atelier de Monaco SAM  
Palais de la Scala  
1, Avenue Henri Dunant  
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MC-Monaco

Mandataire:  
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Date du dépôt: 09.03.2010

Classement provisoire: G04B

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## Explanation of the patented QP-EaZy adjust system

### Corection of the calendar

- 1) Pull the crown in the 1<sup>st</sup> position (10).
- 2) Chose the function to be corrected by turning the crown (13).
- 3) Push the mono pousoir crown and the selected function will change (11).
- 4) Turn the crown and put the retrograde hand (12) back in NEUTRAL.

