EN
ZH

QUARTZ 2021 MULTIFUNCTION

SWISS MADE

ETA SA
MANUFACTURE HORLOGÈRE SUISSE
DEPUIS 1793

BIG DATE 4
大日期

DAY, DATE IN WINDOW 5
星期、日期窗口

MOON PHASE 6
月相

DAY, DATE, GMT 8
星期、日期、世界时间

PERPETUAL CALENDAR 9
万年历

CHRONOGRAPH 10
计时盘

As a major player in innovations that have revolutionised watchmaking, ETA has more than 50 years of expertise in developing Swiss Made quartz movements. Producing superior-quality, innovative calibres is a challenge, which we are able to rise to thanks to our industrial performance and a unique combination of numerous skills.

ETA works closely with production companies of the Swatch Group such as Micro Crystal, EM Microelectronic and Renata, to name but a few. An ETA quartz movement is a veritable melting pot of technologies boasting a myriad of innovations from multidisciplinary and complementary sectors.

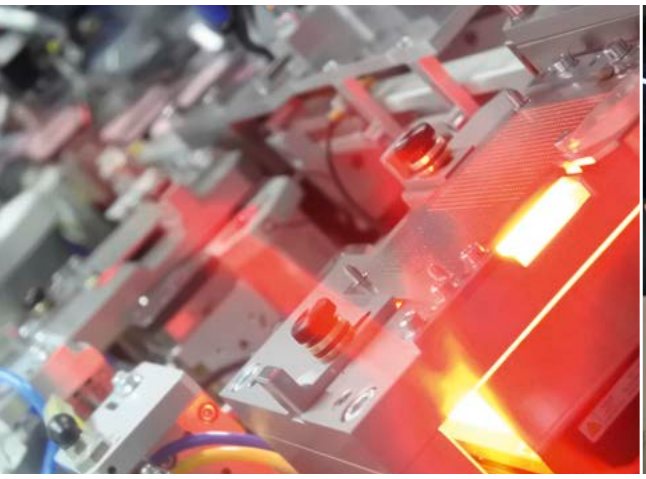
Whichever product you choose from our collection, ranging from the classic movement with two hands to multi-functional movements, you can rest assured it will be robust, innovative and reliable. All of our quartz movements come with a two-year guarantee, no exceptions.

Furthermore, exclusive embedded technology like PreciDrive, PowerDrive and HeavyDrive guarantee that the movements have a high level of added value and are among the most advanced on the market. Each of these technologies is explained at the end of the catalogue, where you will also find a brochure with an overview of all our quartz movements.

As you would expect, we also help you make the right choice. In just a few clicks, you can compare, customise and order movements online in our ETAshop B2B https://shopb2b.eta.ch

The Customer Training Center and Customer Service department complete our range of services dedicated to you.

Would you like to receive regular information from us? Follow us on Facebook, LinkedIn, YouTube or even Xing.



作为制表行业创新与变革的巨头企业，ETA 在研制“瑞士制造”石英机芯方面拥有 50 多年的专业经验和技艺积累。高品质、创新型机芯的打造是一项挑战，而我们之所以有能力从容应对和战胜这一挑战，要得益于我们的产业绩效以及丰富技能的独特组合。

ETA 与 Swatch Group 旗下的众多制造企业都有着密切的合作，比如 Micro Crystal、EM Microelectronic 和 Renata，等等还有很多。如果说 ETA 石英机芯是丰富技术的大“熔炉”，一点也不为过——源自各种不同学科及相关领域的创新在一枚小小的机芯上融合碰撞、合力生辉。

从两指针经典机芯到多功能机芯——无论您选择哪一种，您都可以放心：您选择的产品一定是坚固可靠、独具创意的。我们的所有石英机芯均提供两年保修，无一例外。

此外，诸如 PreciDrive、PowerDrive 及 HeavyDrive 这样的嵌入式技术保证了机芯具备高水平附加值且跻身市场上的先进产品之列。本产品目录尾章对每一种技术都进行了讲解，同时还提供关于我们所有石英机芯的总览小册子。

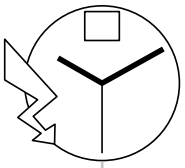
而且，为满足您的全面期待，我们还会辅助您作出恰当的选择。您只需轻松点击，就可以在我们的 ETA 店铺 B2B https://shopb2b.eta.ch 线上比较、定制和订购机芯。

最后，客户培训中心和客户服务部门更是令我们专门为您打造的一系列服务至臻完善。

您愿意定期接收我们提供的信息吗？欢迎通过 Facebook、LinkedIn、YouTube 或者 Xing 关注我们。

BIG DATE

大日期



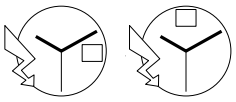
11½‴
⌀ 25,60 mm

F06.161 ■ TRENDLINE / H 3,60 mm / 3 jewels

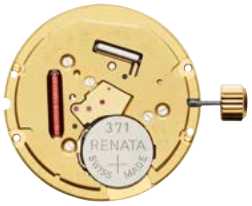
F06.461 ■ TRENDLINE / H 3,60 mm / 3 jewels

11½‴ 25,60 mm

TRENDLINE



H 3,60 mm



ETA F06.161

ETA F06.461

Hours, minutes, central second
Big date display in window

Stop second / stop motor
End-of-life display (E.O.L.)

3 jewels

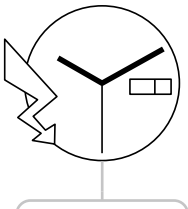
Theoretical battery's lifetime:
– 68 months (battery 40 mAh)
– 94 months (battery 55 mAh)

小时、分钟、中央秒针
大日期显示窗口

止秒 / 停止马达
更换电池提示 (E.O.L.)

3 宝石

理论电池寿命：
– 68 月份 (电池 40 毫安时)
– 94 月份 (电池 55 毫安时)



11½‴
⌀ 25,60 mm

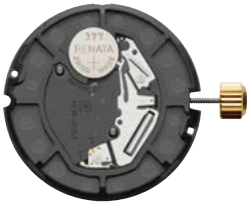
805.122

■ FASHIONLINE / H 3,65 mm / 0 jewels

11½‴ 25,60 mm

FASHIONLINE

H 3,65 mm



ETA 805.122

Hours, minutes, central second
Date and day display in window

Stop second / stop motor

0 jewels

Theoretical battery's lifetime:
– 40 months

小时、分钟、中央秒针
日期和星期显示窗口

止秒 / 停止马达

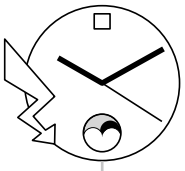
0 宝石

理论电池寿命：
– 40 月份

MOON PHASE

月相

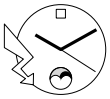
10½‴
⌀ 23,30 mm



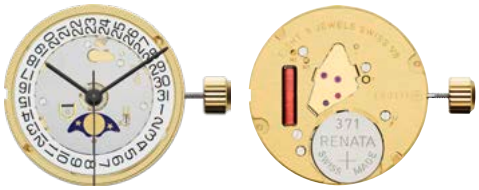
E63.171	FLATLINE / H 2,95 mm / 8 jewels
F05.841	TRENDLINE / H 3,60 mm / 3 jewels
F05.441	TRENDLINE / H 3,60 mm / 3 jewels

10½‴ 23,30 mm

FLATLINE



H 2,95 mm



ETA E63.171

Hours, minutes, central second
Date in window at 12 o'clock
Moon phase at 6 o'clock

End-of-life display (E.O.L.)

8 jewels

Theoretical battery's lifetime:
– 41 months (battery 29 mAh)
– 57 months (battery 40 mAh)

小时、分钟、中央秒针
12点钟位置日期
6点钟位置月相

更换电池提示 (E.O.L.)

8 宝石

理论电池寿命：
– 41 月份 (电池 29 毫安时)
– 57 月份 (电池 40 毫安时)

TRENDLINE

H 3,60 mm

ETA F05.841

ETA F05.441

Hours, minutes, central second
Date in window at 12 o'clock
Moon phase at 6 o'clock

End-of-life display (E.O.L.)

3 jewels

Theoretical battery's lifetime:
– 68 months (battery 40 mAh)
– 94 months (battery 55 mAh)

小时、分钟、中央秒针
12点钟位置日期
6点钟位置月相

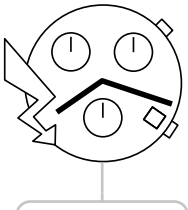
更换电池提示 (E.O.L.)

3 宝石

理论电池寿命：
– 68 月份 (电池 40 毫安时)
– 94 月份 (电池 55 毫安时)

DAY, DATE, GMT

星期、日期、世界时间



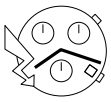
13¼‴
⌀ 29,80 mm

G10.212 AM

■ FASHIONLINE / H 5,12 mm / 4 jewels

13¼‴ 29,80 mm

FASHIONLINE



H 5,12 mm

ETA G10.212 AM

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Display of day, 24-hours GMT display

2 correctors
Stop second / stop motor

4 jewels

Theoretical battery's lifetime:
– 38 months

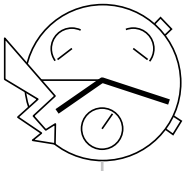
小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

星期显示，24 小时世界时间显示

2个调校器
止秒 / 停止马达

4 宝石

理论电池寿命：
– 38 月份



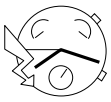
10½‴
⌀ 23,30 mm

G15.562 BF ■ FASHIONLINE / H 5,25 mm / 6 jewels

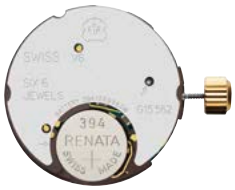
G15.562 BE ■ FASHIONLINE / H 5,25 mm / 6 jewels

10½‴ 23,30 mm

FASHIONLINE



H 5,25 mm



ETA G15.562 BF

ETA G15.562 BE

Hours, minutes, small jumping second at 6 o'clock
Perpetual calendar > retrograde date / day / month

Control: Crown and 2 correctors
The angled sectors of retrograde zones are freely rotatable
Stop second / stop motor

6 jewels

Theoretical battery's lifetime:
– 35 months

小时、分钟、6点钟位置处的跳秒式小秒针
万年历 > 逆跳式日期 / 星期 / 月份

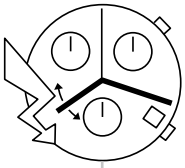
控制：表冠和 2个调校器
逆跳区域中倒角打磨的部分可以自由旋转
止秒 / 停止马达

6 宝石

理论电池寿命：
– 35 月份

CHRONOGRAPH > STANDARD

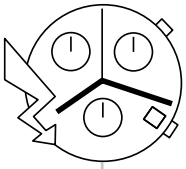
计时盘 > 标准



10½‴
⌀ 23,30 mm

251.474 ZB ■ NORMFLATLINE / H 4,70 mm / 23 jewels

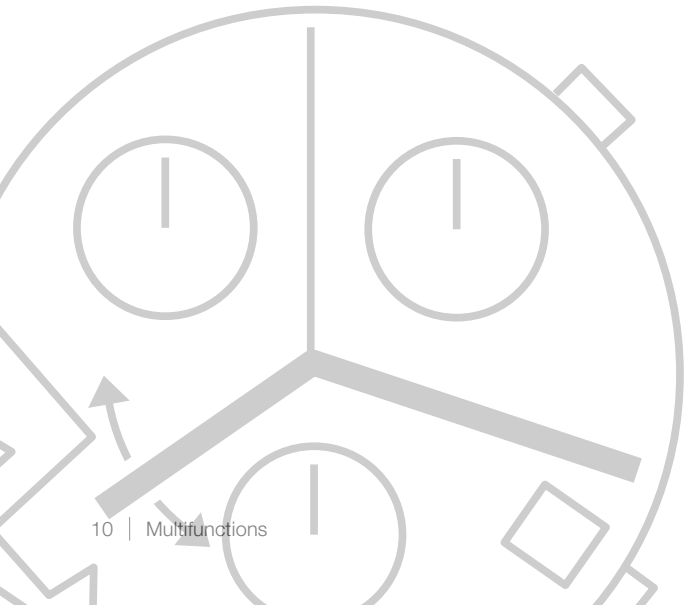
251.474 ZA ■ NORMFLATLINE / H 4,70 mm / 23 jewels

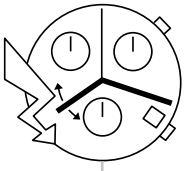


10½‴
⌀ 23,30 mm

G15.212 AB ■ FASHIONLINE / H 5,25 mm / 6 jewels

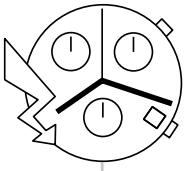
G15.212 AA ■ FASHIONLINE / H 5,25 mm / 6 jewels





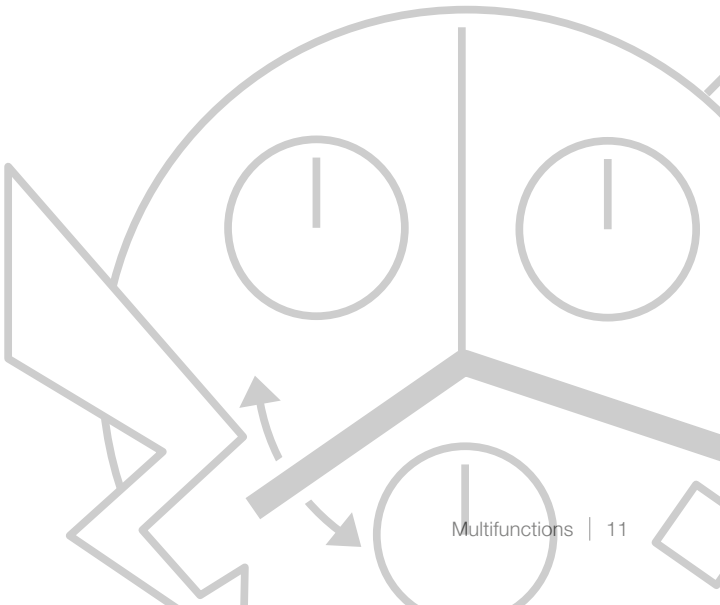
13¼‴
⌀ 30,00 mm

251.274 CG	NORMFLATLINE / H 4,60 mm / 22 jewels
251.274 CF	NORMFLATLINE / H 4,60 mm / 22 jewels



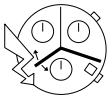
13¼‴
⌀ 29,80 mm

G10.212 AB	FASHIONLINE / H 5,12 mm / 4 jewels
G10.212 AD	FASHIONLINE / H 5,12 mm / 4 jewels
G10.712 CB	FASHIONLINE / H 5,62 mm / 4 jewels
G10.712 CD	FASHIONLINE / H 5,62 mm / 4 jewels

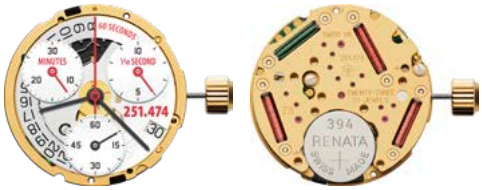


10½‴ 23,30 mm

NORMFLATLINE



H 4,70 mm



ETA 251.474 ZB

ETA 251.474 ZA

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
Counters 1/10th of seconds, 60 seconds, 30 minutes
Functions: ADD, SPLIT

Stop second / stop motor
End-of-life display (E.O.L.)
Time-zone mechanism

23 jewels

Theoretical battery's lifetime:
– 68 months

小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

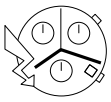
带 2个按钮的计时功能
1/10秒、60秒、30 分钟计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

止秒 / 停止马达
更换电池提示 (E.O.L.)
时区机械装置

23 宝石

理论电池寿命：
– 68 月份

FASHIONLINE



H 5,25 mm

ETA G15.212 AB

ETA G15.212 AA

Hours, minutes, small jumping second at 6 o'clock
Date display in window
Stop second / stop motor

Chronograph with 2 push buttons
Counters 1/10th of seconds, 60 seconds, 30 minutes
Functions: ADD, SPLIT

6 jewels

Theoretical battery's lifetime:
– 36 months

小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗
止秒 / 停止马达

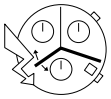
带 2个按钮的计时功能
1/10秒、60秒、30 分钟计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

6 宝石

理论电池寿命：
– 36 月份

13¼‴ 30,00 mm

NORMFLATLINE



H 4,60 mm

ETA 251.274 CG

ETA 251.274 CF

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
Counters 1/10th of seconds, 60 seconds, 30 minutes
Functions: ADD, SPLIT

Stop second / stop motor
Time-zone mechanism

22 jewels

Theoretical battery's lifetime:
– 72 months

小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

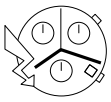
带 2个按钮的计时功能
1/10秒、60秒、30 分钟计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

止秒 / 停止马达
时区机械装置

22 宝石

理论电池寿命：
– 72 月份

FASHIONLINE



H 5,12 mm

ETA G10.212 AB

ETA G10.212 AD

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
Counters 1/10th of seconds, 60 seconds, 30 minutes
Functions: ADD, SPLIT

Stop second / stop motor

4 jewels

Theoretical battery's lifetime:
– 38 months

小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

带 2个按钮的计时功能
1/10秒、60秒、30 分钟计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

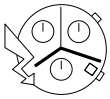
止秒 / 停止马达

4 宝石

理论电池寿命：
– 38 月份

13¼‴ 29,80 mm

FASHIONLINE



H 5,62 mm

ETA G10.712 CB

ETA G10.712 CD

Hours, minutes, small jumping second at 6 o'clock
Date in window (date more in center than G10.212)

Chronograph with 2 push buttons
Counters 1/10th of seconds, 60 seconds, 30 minutes
Functions: ADD, SPLIT

Stop second / stop motor

4 jewels

Theoretical battery's lifetime:
– 38 months

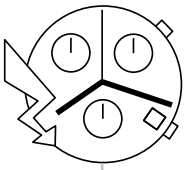
小时、分钟、6点钟位置处的跳秒式小秒针
日期窗 (日期比 G10.212 更靠近中央)

带 2个按钮的计时功能
1/10秒、60秒、30 分钟计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

止秒 / 停止马达

4 宝石

理论电池寿命：
– 38 月份



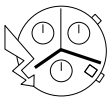
13¼‴
⌀ 29,80 mm

G10.212 AP
- FASHIONLINE / H 5,12 mm / 4 jewels

G10.212 AJ
- FASHIONLINE / H 5,12 mm / 4 jewels

13¼‴ 29,80 mm

FASHIONLINE



H 5,12 mm

ETA G10.212 AP

ETA G10.212 AJ

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
Counters 1/10th of seconds, 60 seconds, 60 minutes
Function: LAPTIMER

Stop second / stop motor

4 jewels

Theoretical battery's lifetime:
– 38 months

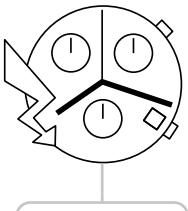
小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

带 2个按钮的计时功能
1/10秒、60秒、60 分钟计时盘
功能：LAPTIMER

止秒 / 停止马达

4 宝石

理论电池寿命：
– 38 月份



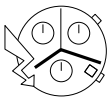
13¼‴
⌀ 29,80 mm

G10.212 AQ

■ FASHIONLINE / H 5,12 mm / 4 jewels

13¼‴ 29,80 mm

FASHIONLINE



H 5,12 mm

ETA G10.212 AQ

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
60 seconds counter, 60 minutes, 12 hours
Functions: ADD, SPLIT

Stop second / stop motor

4 jewels

Theoretical battery's lifetime:
– 38 months

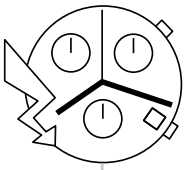
小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

带 2个按钮的计时功能
60秒、60 分钟、12 小时计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

止秒 / 停止马达

4 宝石

理论电池寿命：
– 38 月份



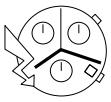
13¼‴
⌀ 29,80 mm

G10.212 AN

■ FASHIONLINE / H 5,12 mm / 4 jewels

13¼‴ 29,80 mm

FASHIONLINE



H 5,12 mm

ETA G10.212 AN

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
60 seconds counter, 60 minutes, 12 hours
Functions: ADD, FLY-BACK

Stop second / stop motor

4 jewels

Theoretical battery's lifetime:
– 38 months

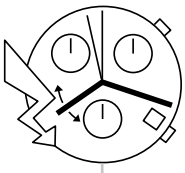
小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

带 2个按钮的计时功能
60秒、60 分钟、12 小时计时盘
功能：累计计时 (ADD)、飞返

止秒 / 停止马达

4 宝石

理论电池寿命：
– 38 月份



13¼‴
⌀ 30,00 mm

251.264 BE ■ FLATLINE / H 5,00 mm / 27 jewels

251.264 BD ■ FLATLINE / H 5,00 mm / 27 jewels

13¼‴ 30,00 mm

FLATLINE

H 5,00 mm

ETA 251.264 BE

ETA 251.264 BD

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
Counters 1/10th of seconds, 60 seconds, 60 minutes, 12 hours
Functions: ADD, SPLIT

Stop second / stop motor
Time-zone mechanism

27 jewels

Theoretical battery's lifetime:
– 72 months

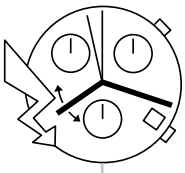
小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

带 2个按钮的计时功能
1/10秒、60秒、60 分钟、12 小时计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

止秒 / 停止马达
时区机械装置

27 宝石

理论电池寿命：
– 72 月份



13¼‴
⌀ 30,00 mm

251.264 AN — FLATLINE / H 5,00 mm / 27 jewels

251.264 AA — FLATLINE / H 5,00 mm / 27 jewels

13¼‴ 30,00 mm

FLATLINE

H 5,00 mm

ETA 251.264 AN

ETA 251.264 AA

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
Counters 12 hours, 30 minutes, 60 seconds, 1/100th of a second
Functions: ADD, SPLIT

Stop second / stop motor
Time-zone mechanism

27 jewels

Theoretical battery's lifetime:
– 72 months

小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

带 2个按钮的计时功能
12 小时、30 分钟、60秒、1/100秒计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

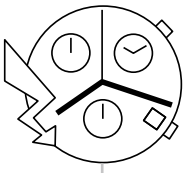
止秒 / 停止马达
时区机械装置

27 宝石

理论电池寿命：
– 72 月份

CHRONOGRAPH > GMT 24 HOURS

计时盘 > 24小时世界时间



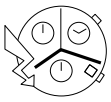
13¼‴
⌀ 29,80 mm

G10.962 BE ■ FASHIONLINE / H 5,12 mm / 4 jewels

G10.962 BF ■ FASHIONLINE / H 5,12 mm / 4 jewels

13¼‴ 29,80 mm

FASHIONLINE



H 5,12 mm

ETA G10.962 BE

ETA G10.962 BF

Hours, minutes, small jumping second at 6 o'clock
Date display in window

小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

Chronograph with 2 push buttons
Counters second 24-hours timezone GMT, 12 hours (hours and minutes), 60 seconds
Functions: ADD, SPLIT

带 2个按钮的计时功能
第二时区 24 小时世界时间、12 小时 (小时和分钟)、60秒计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

Stop second / stop motor
Time-zone mechanism

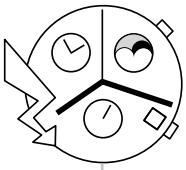
止秒 / 停止马达
时区机械装置

4 jewels

4 宝石

Theoretical battery's lifetime:
– 38 months

理论电池寿命：
– 38 月份



13¼‴
⌀ 29,80 mm

G10.962 EO

■ FASHIONLINE / H 5,12 mm / 4 jewels

13¼‴ 29,80 mm

FASHIONLINE

H 5,12 mm

ETA G10.962 EO

Hours, minutes, small jumping second at 6 o'clock
Date display in window

Chronograph with 2 push buttons
Display of moon phase, 60 minutes and 12 hours coaxial counters
Functions: ADD, SPLIT

Stop second / stop motor

4 jewels

Theoretical battery's lifetime:
– 38 months

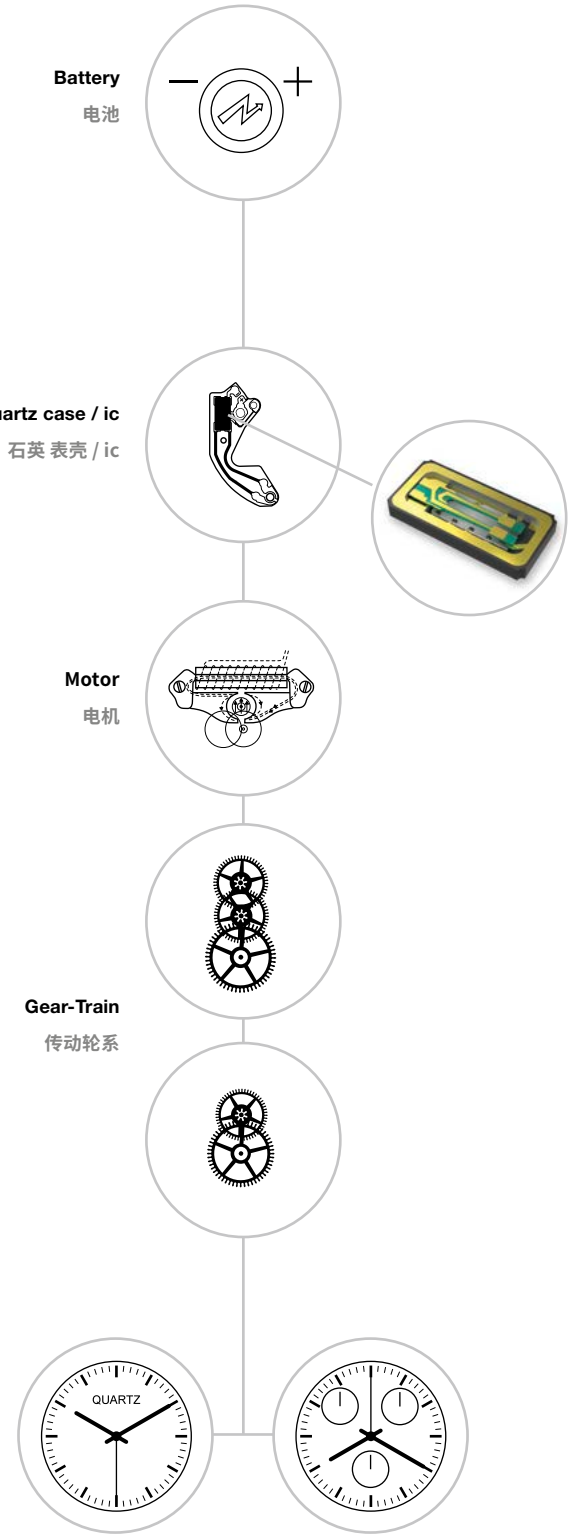
小时、分钟、6点钟位置处的跳秒式小秒针
日期显示窗

带 2个按钮的计时功能
月相显示、60 分钟和 12 小时同轴计时盘
功能：累计计时 (ADD)、分段计时 (SPLIT)

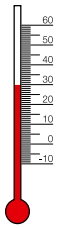
止秒 / 停止马达

4 宝石

理论电池寿命：
– 38 月份



PATENT PENDING



PATENTED

Shock detection, allows unbalance-increase by +200 %

震动检测, 允许不平衡性增加200 %以上

PATENTED

Multiples display combinations

多种显示组合

What we are capable of today gives you an idea of what we will be able to do in the future...

根据我们如今的能力，您定能判断出我们未来的潜力如何…

EXCLUSIVE TECHNOLOGIES

ETA is expanding the options available for your movements by integrating its HeavyDrive technology. Three exclusive technologies are now joining forces to ensure that the movements you receive are even more modern and robust.

独家技术

ETA 通过 HeavyDrive 技术丰富为您提供的机芯产品。现在，三大独家技术合力确保您收到的机芯更加先进和坚固。

POWERDRIVE

The exclusive PowerDrive technology controls the motor drive and increases the speed of rotation of the hands to 200 Hz (or 200 hand jumps per second in both directions). The technology improves the hand movement control, ensuring a dynamic display. With numerous counter programming options, PowerDrive offers multiple display combinations and means customers can get creative.

POWERDRIVE

独有的 PowerDrive 技术控制着电机驱动，将指针旋转速度提升至 200 赫兹 (即双向速度均达到每秒 200 跳)。该技术提升了对指针运动的控制力，从而确保富有活力的动态显示。凭借众多计数编程选项，PowerDrive 提供多种显示组合，也就意味着客户可以自由发挥创意。

HEAVYDRIVE

Thanks to our exclusive integrated circuit, HeavyDrive technology provides an anti-shock system and expands the options for hand unbalance. The weight of an innovative hand design or material is no longer an obstacle, as HeavyDrive is able to support unbalances of over 200 % for a traditional second hand and 20 % for a traditional minute hand. The movement's on-board electronics detect and then manage the shock, whilst the motor generates a counter pulse to lock the hand in its position during the shock. This intelligent shock management prompts the motor to react in a fraction of a second if a certain shock threshold is exceeded. The energy used to counter this force remains minimal, and the movement's autonomy is thus preserved.

HEAVYDRIVE

得益于我们专门设计的集成电路，HeavyDrive 技术提供抗震动系统，为指针采用不平衡性设计提供了更多可能性。创新型指针设计或材质的重量不再构成障碍，因为 HeavyDrive 能够允许一根传统分针的不平衡性达到 20 %，而对于一根传统秒针，这个百分率超过 200 %。机芯的电子线路能够检测然后管理震动，同时电机生成计数脉冲以使指针在震动期间锁止在原位。凭借这种智能震动管理，一旦震动超过特定阈值，电机顷刻间即可作出反应。对抗这种震动力所需的能量极小，因此机芯的动力储备几乎不受影响。

PRECIDRIVE

The PreciDrive technology redefines typical precision standards to +/- 10 seconds per year. The quartz crystal and integrated circuit (IC) are now sealed in a ceramic case, which protects them against moisture. The principle of thermo-compensation controls and regulates the motor pulses according to changes in the ambient temperature and means that PreciDrive meets the rigorous chronometer certification requirements of the COSC (Contrôle Officiel Suisse des Chronomètres), provided the watch is not exposed to impacts and is kept at a temperature between 20° C and 30° C. This is a unique feat that brings real added value to the watch.

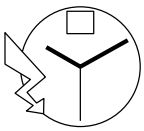
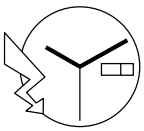
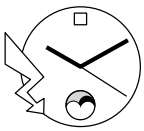
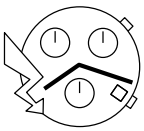
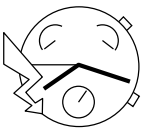
PRECIDRIVE

PreciDrive 技术将代表性的精度标准重新定义为每年 +/- 10 秒。如今水晶表镜和集成电路 (IC) 都封装于陶瓷表壳内，以免受潮。热补偿原则根据环境温度控制和调节电机脉冲，即，PreciDrive 达到了 COSC (Contrôle Officiel Suisse des Chronomètres，瑞士官方天文台检测机构) 针对精密天文表所制定的严苛认证要求，只要腕表不遭受撞击且处于 20° C 至 30° C 的温度。这堪称一项独一无二的技术壮举，为腕表增添了真正的附加值。

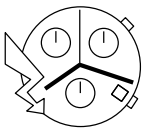
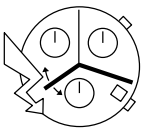
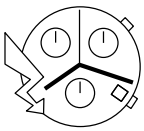
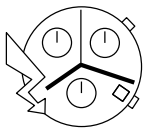
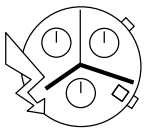
QUARTZ
2021 OVERVIEW

ETA SA
MANUFACTURE HORLOGÈRE SUISSE
DEPUIS 1793

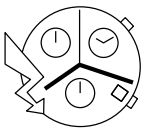
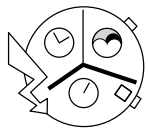
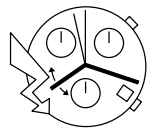
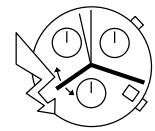
MULTIFUNCTIONS

	BIG DATE	DAY, DATE IN WINDOW	MOON PHASE	DAY, DATE, GMT	PERPETUAL CALENDAR
	PAGE 4	PAGE 5	PAGE 6	PAGE 8	PAGE 9
10½‴ ⌀ 23,30 mm			E63.171 F05.841 F05.441		G15.562 BF G15.562 BE
11½‴ ⌀ 25,60 mm	F06.161 F06.461	805.122			
13¼‴ ⌀ 29,80 mm				G10.212 AM	
13¼‴ ⌀ 30,00 mm					

				CHRONOGRAPH
			3 hands at the center	
STANDARD		LAPTIMER	12-HOURS	FLY-BACK
PAGE 10		PAGE 15	PAGE 16	PAGE 17
G15.212 AB G15.212 AA	251.474 ZB 251.474 ZA			
G10.212 AB G10.212 AD G10.712 CB G10.712 CD		G10.212 AP G10.212 AJ	G10.212 AQ	G10.212 AN
	251.274 CG 251.274 CF			

		4 hands at the center		
GMT 24 HOURS	MOON PHASE	STANDARD	1/100TH OF SECONDS	
PAGE 20	PAGE 21	PAGE 18	PAGE 19	
				10½‴ ⌀ 23,30 mm
				11½‴ ⌀ 25,60 mm
G10.962 BE G10.962 BF	G10.962 EO			13¼‴ ⌀ 29,80 mm
		251.264 BE 251.264 BD	251.264 AN 251.264 AA	13¼‴ ⌀ 30,00 mm

THE MOTORIST OF TIME

ETA SA
MANUFACTURE HORLOGÈRE SUISSE
DEPUIS 1793

CUSTOMER RELATIONS QUARTZLINE

Schmelzistrasse 16
2540 Grenchen
Switzerland

+41 (0)32 655 77 77

sales-quartz@eta.ch
www.eta.ch

A COMPANY OF THE SWATCH GROUP

01.04.2021