

Chronometerwerk Chronometer movement J820.1

JUNGHANS - DIE DEUTSCHE UHR

JUNGHANS – THE GERMAN WATCH

Many congratulations on your purchase of a timepiece from Junghans.

What began in 1861 with the founding of the firm in Schramberg quickly developed into one of the most fascinating success stories of the German watchmaking industry. While since that time the demands made of watches may have changed, the Junghans philosophy has always remained the same. Innovative flair and the constant pursuit of precision right down to the smallest detail define how the company works and thinks. You can see and sense this in every watch that carries the Junghans name. For as diverse as the Junghans range may be, it pursues one single goal: to combine traditional craftsmanship with cutting-edge watch technology and exciting design. That makes every watch with the Junghans star unique.

We hope you will enjoy this very special time-keeping instrument.

Yours,

Uhrenfabrik Junghans GmbH & Co. KG

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Instructions for use

Important note:

Do not make any changes to the date between 08:00 p.m. and 02:00 a.m., as the date is automatically advanced by the movement during this period and you could damage the date advance mechanism.

Chronometer testing

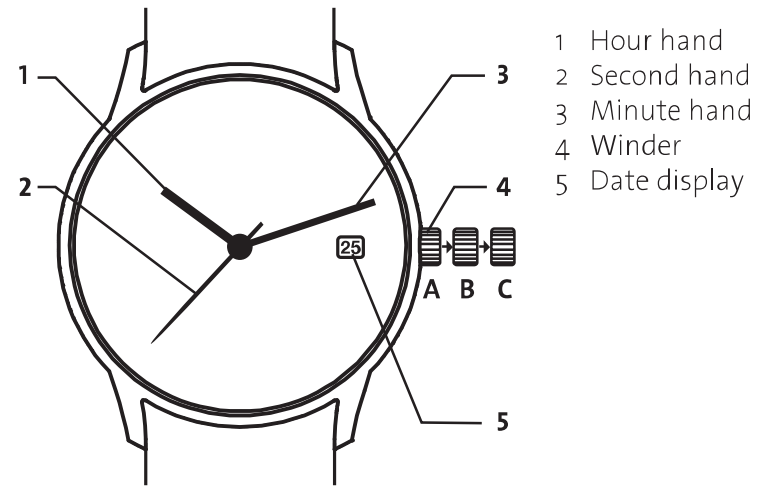
Your watch is subjected to chronometer testing, guaranteeing you the highest precision and reliability as a consequence. The strict criteria of the chronometer test stipulate a 15-day inspection. In the five positions "crown left", "crown above", "crown below", "dial above" and "dial below" the mean daily rating must lie between -4 and $+6$ seconds, whereby the mean daily rating deviation must not exceed two seconds and the maximum rating deviation five seconds. All watches are tested at several different temperatures and an air humidity level of approximately 50%. In each case the deviation is measured after 24 hours. The test is documented in the form of a chronometer certificate.

Winding up the watch

With the winder in position A, you can wind up the automatic movement manually. At least 2 to 3 rotations of the winder are needed to start the movement. It is better to wind it up completely. It is fully wound up after c. 43 rotations of the winder, as then the maximum accuracy and its power reserve (even after the watch is put down) will last for the maximum period. After you have set your watch, you should wear it, so that the automatic winding system (via rotor movement) keeps it constantly operational.

Features and functions

Calibre J820.1



Setting the time

Pull the winder into position C. That stops the watch movement.

To set your watch accurately to the second, it is best to stop the movement as the second hand is passing the figure 60. You can now position the minute hand precisely in line with the relevant minute marker and set the desired time. Press the winder back into position A to start the second hand.

Setting the date

Pull the winder into position B. You can now set the date by turning it to the right. **Do not make any changes to the date between 08:00 p.m. and 02:00 a.m. as the date is automatically advanced by the movement during this period and you could damage the date advance mechanism.** If the month has less than 31 days, set the date manually to the first day of the following month.

Technical information

Certified chronometer movement with display for date
Calibre J820.1
Bi-directional winding
25 jewels
28,800 semi-vibrations per hour
42 hour power reserve
Anti-magnetic to DIN 8309
Shockproof: Incabloc
Spring: Carl Haas Spirale
Balance: Gold-plated Glucydur

Impermeability

Marking	Instructions for use				
	 Washing, rain, splashes	 Shower	 Bath	 Swimming	 Diving without equipment
No mark	No	No	No	No	No
3 ATM	Yes	No	No	No	No
5 ATM	Yes	No	Yes	No	No
10 ATM	Yes	Yes	Yes	Yes	No

The designation "3–10 ATM" only applies to brand new watches. External influences can affect water resistance. Please have your watch checked regularly.

General information

External influences can affect the watch's waterproof qualities, which may let in moisture. We therefore recommend that you have your watch regularly inspected by your Junghans specialist. Other servicing tasks or wrist strap repairs should also be done by your Junghans specialist. Your watch is fitted with a quality wrist strap that has undergone multiple inspections in our factory. If, however, you decide to change the strap, please fit a new one of the same quality, preferably an original Junghans wrist strap. Watch and wrist strap can be cleaned with a dry or slightly moistened cloth.

NB: Do not use chemical cleaners (e.g. benzine or paint thinners). These may harm the surface.