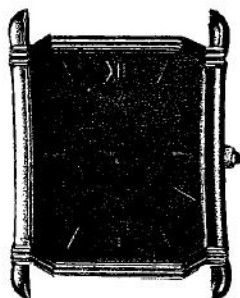


TECHNICAL INFORMATION

CITIZEN QUARTZ

Cal. No. 39❖❖



 **CITIZEN**

■1. OUTLINE

Cal Nos. 3910E-06 and 3920E-07, slim-type analog watches for men, were developed with the objective of expanding the high-grade product range.

■2. FEATURES

- 1) These compact and slim men's electronic wrist watches employ a quartz crystal oscillator. (Cal. 3910 incorporates the world's thinnest movement with a date display function.)

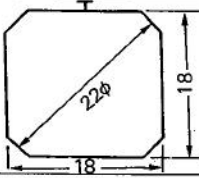
Movement size,

[Cal. 3910] 18.0 mm x 18.0 mm x 22.0 mm ϕ
Thickness 1.70 mm (measured when the power cell section is included.)

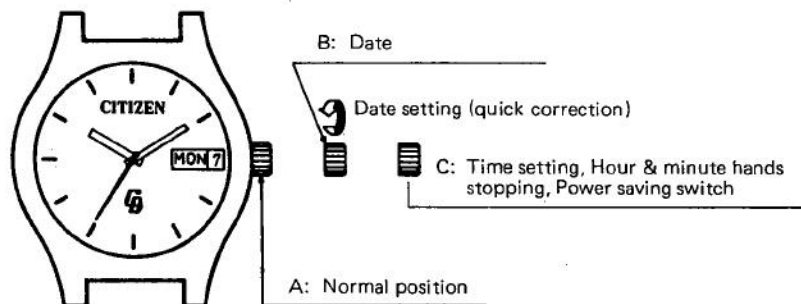
[Cal. 3920] 18.0 mm x 18.0 mm x 22.0 mm ϕ
Thickness 1.4 mm (measured when the power cell section is included.)

- 2) Watch design rich in variation
These watch designs are easily varied because of the thin, compactness of their movement parts.
- 3) Two year power cell life guaranteed
The power cells mounted in these watches are very small silver cells. The service life of these cells lasts as long as 2 years because each watch is incorporated with an IC with low current consumption.

■3. SPECIFICATIONS

Caliber No.		3910E-06	3920E-07
Type		Analog quartz watch (without a center second hand)	←
Module size (mm)		 Thickness (t): 1.7 mm (measured when the power cell section is included)	Thickness: 1.4 mm (measured when the power cell section is included)
Accuracy		± 15 sec./month at normal temp.	←
Oscillation		32,768Hz	←
Integrated circuit		C/MOS-LSI (1 unit)	←
Effective temp. range		$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$: ($14^{\circ}\text{F} \sim 140^{\circ}\text{F}$)	←
Converter		Bipolar step motor	←
Adjustment of time rate		DFC (without adjustment terminals)	←
Measurement of time rate		10 seconds	←
Additional functions	Date (with quick setting device)	Yes (O)	No (X)
	Day (with quick setting device)	No (X)	←
	Days of the week bilingual display selection	No (X)	←
	Second hand stopping device	No (X)*1	←
	Power saving switch	Yes (O)	←
	Power cell life indicator	No (X)	←
Power cell	Hand movement	10-second stepping movement	←
	Part No.	280-66	←
	Cell code	SR712SW (Ag ₂ O/NaOH)	←
	Size (mm)	7.9 ϕ x 1.3 ^t	←
	Voltage	1.55V	←
	Capacity	10mAH	←
	Life time	Approx. 2 years	←
Current consumption		Under 0.5 μ A	←
Coil resistance		1.6k Ω ~ 2.1k Ω	←
Remarks		*1. The hand-stopping device is used for the hour and minute hands, not for the second hand.	←

■4. HANDLING INSTRUCTIONS



[Regarding Cal. 3910]

Pull the crown out to the second clicking position (a state in which power is saved) and set the time in the same manner as in the normal analog model with the date display function.

Push the crown back to the first clicking position to set the date. Be sure to push the crown back to its normal position after setting the time and date.

(Note)

The date display is designed to change at approx. 3:00 A.M.

Do not carry out quick correction of dates between 9:00 PM and 3:00 AM.

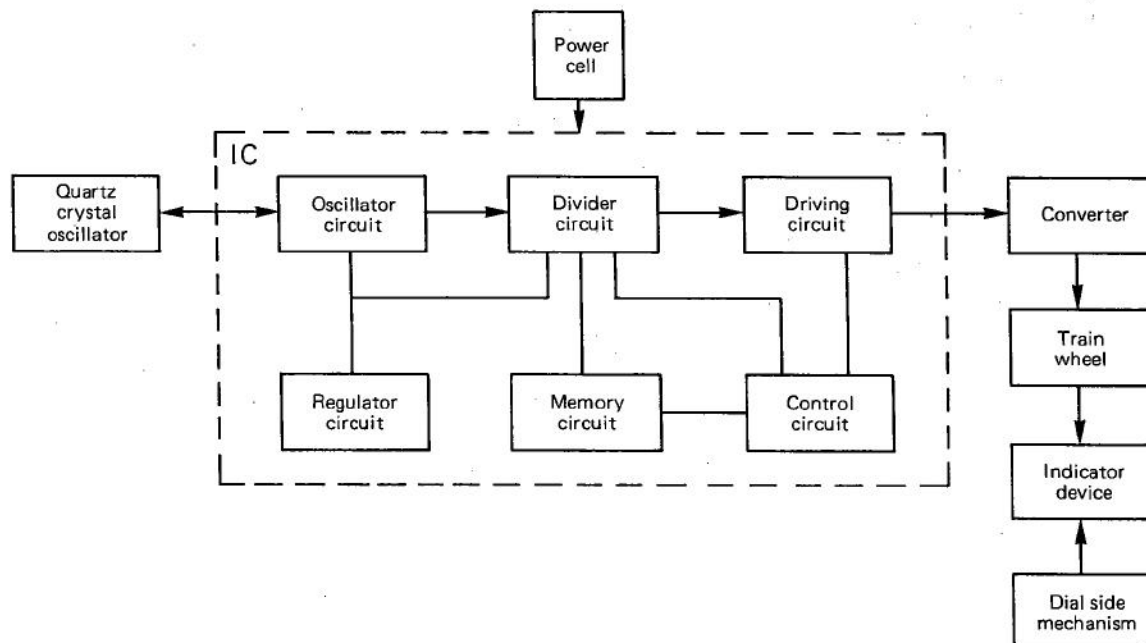
Quick correction should not be done during this period. If it is carried out during this period, the date display may not change the following day.

[Regarding Cal. 3920]

Pull the crown out to the first clicking position (a state in which power is saved) and set the time in the same manner as in the normal analog model. Push the crown back into its normal position after setting the time, and start the watch.

Cal. 3920 has not been provided with a date display function.

■5. CONSTRUCTION OF MOVEMENT



- The regulator circuit changes variable outside voltage into constant voltage by applying it to the oscillator circuit and subsequent circuits.