

MOVEMENT SPECIFICATIONS
SUPER FLAT RANGE CAL.. 9T22/33/15&9U13/15
 BY CITIZEN WATCH CO., LTD. JAPAN

MANUFACTURED IN JAPAN

1.BASIC SPECIFICATION

(1) CAL. NO.

CALIBRE	9T22	9T33	9T13	9T15	9U13	9U15
Ligne	6 x 8				10-1/2	
Size*mm	15.3×17.6×Φ18.1mm		16.1×17.8×Φ18.1mm		21.5×23.7×Φ23.7mm	
Total height	1.90mm		2.33mm			
Hands	2	3	3	2	3	2
Date	X		O		O	
Battery life	2 Years				4 Years	
Battery	SR616SW				SR916SW	

(2) Time standard

Type of quartz : Tuning fork type quartz crystal

Frequency : 32,768Hz

Accuracy : **+/-20 s/month** worn under normal circumstances

(3) Battery installed

Type of battery : See above: JAPAN-MADE

(4) Features

METAL MOVEMENT
MADE ENTIRELY IN JAPAN
EASY TO REPAIR

(5) Others

Driving systems : Two-pole stepping motor

Number of Jewel : No(0) jewel

(5) Additional Mechanisms & Features:

Second hand stopping at optional position
Powercell Saving Reset Mechanism(PSRM)
Over-loading Compensation Device(OLCD)
Battery Detector Function (B.D.). As warning second hand steps every 2 seconds
When battery becomes nearly empty. (except for Cal. 9T22/15&9U15)

(6) Balanceable weight of hand

Minute hand Max. 0.4 $\mu\text{N}\cdot\text{m}$

Second hand Max. 0.07 $\mu\text{N}\cdot\text{m}$

2. SEPARATED PARTS

Parts Name	9T22	9T33	9T13	9T15	9U13	9U15
HOUR WHEEL	075-446					
DIAL WASHER	078-040					
SETTING STEM	065-495					

Remarks :

* Setting stem No.065-495

Length of movement center to stem end	20mm
Thread.....	12.25mm × Φ0.7mm

* Measurement of time rate

The unit time of measurement must be set at "10s" or integer fold value of 10s owing to the DFC system.

The measurement must be carried out in state of a complete watch.

* Marking on movement

**CAL. NO.
MIYOTA CO.
NO JEWELS
JAPAN**

*** Typical clearance**

Between case and movement

Battery strap - Case back : 150 ~ 300 μm

Hands - Glass : 300 ~ 450 μ m

* Depending on hand length

3. INTERCHANGEABILITY OF APPEARANCE COMPONENTS BETWEEN 9T/U SERIES AND 4T/U SERIES

*Movement holder for all 4T/4Uxx to be modified for 9T/Uxx

*Dial foot position of 4Txx to be adjusted to the one of 9Txx

*Dial foot position of 4U13/15 is the same as of 9U13/15

*Stem position of 4T/Uxx is exactly as of 9T/Uxx

***9T22/33 are renewal model of 4T23/33**

***9T13/15 are renewal model of 4T13/74**

***9U13/15 are renewal model of 4U13/74**

These specifications might be changed without prior notification