

**SEIKO**

**QUARTZ**

**Cal. 1421A**

**PARTS  
CATALOGUE**

# Cal. 1421A



131 141



139 140



231 141



☆241 141



261 141



☆270 140



☆271 145



282 142



351 144



383 141



384 141



388 141



391 141



491 141



☆493 260



701 140



4001 143



4002 141



4146 141



4216 144



4219 141



4239 141



4242 144



4270 141



4446 140



4455 140



011 409



☆SEIKO TR621SW



012 155



012 170



012 171



017 207



017 209



017 210



017 211



☆017 212



017 292

3/1

# Cal. 1421A

## Characteristics

Casing diameter : 15.1 × 13.0 mm  
 Maximum height : 2.8 mm without battery  
 Jewels : 2 j  
 Frequency of quartz crystal oscillator : 32,768 Hz (Hz=Hertz . . . . Cycles per second)  
 Driving system : Step motor (2 poles)  
 Regulation system : Trimmer condenser  
 Train wheel setting  
 Battery life indicator : The second hand moves in two-second interval

PART NO.	PART NAME	PART NO.	PART NAME
131 141	Third wheel bridge	017 210	Tube for circuit block (A)
139 140	Lower bridge for third wheel	017 211	Tube for coil block
231 141	Third wheel & pinion	☆017 212	} Tube for circuit block (B)
☆241 141	Fourth wheel & pinion (3.87 mm)	☆017 292	
☆241 142	Fourth wheel & pinion (3.97 mm)	☆SEIKO TR621SW	} Silver (II) oxide battery
261 141	Minute wheel	☆SEIKO SB-DG	
☆270 140	Center minute wheel & cannon pinion (1.72 mm)	☆Maxell SR621SW	} Silver oxide battery
☆270 141	Center minute wheel & cannon pinion (1.82 mm)	☆Toshiba SR621SW	
☆271 145	Hour wheel (0.81 mm)		
☆271 146	Hour wheel (0.91 mm)		
282 142	Clutch wheel		
351 144	Winding stem		
383 141	Setting lever		
384 141	Yoke (Clutch lever)		
388 141	Yoke spring holder		
391 141	Train wheel setting lever		
491 141	Dial washer		
☆493 260	Hour wheel ring (Thickness 0.03 mm, Gold)		
☆493 261	Hour wheel ring (Thickness 0.05 mm, Silver)		
☆493 262	Hour wheel ring (Thickness 0.07 mm, Gold)		
701 140	Fifth wheel & pinion		
4001 143	Circuit block		
4002 141	Coil block		
4146 141	Step rotor		
4216 144	Insulator for battery		
4219 141	Insulator for battery connection		
4239 141	Rotor stator		
4242 144	Plus lead terminal of battery connection		
4270 141	Battery connection (-)		
4446 140	Crystal unit cushion		
4455 140	Reset lever		
011 409	Upper hole jewel for step rotor		
011 409	Lower hole jewel for step rotor		
012 155	Dial screw		
012 170	Third wheel bridge screw		
012 170	Circuit block screw		
012 170	Coil block screw		
012 170	Screw for lower end-piece for third wheel		
012 171	Yoke spring holder screw		
017 207	Tube for yoke		
017 209	Tube for third wheel bridge		

☆⇨Please see remarks on the reverse page.  
 Part numbers in light letters are not shown in photos.

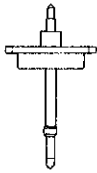


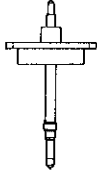


# Cal. 1421A

## Remarks :

### Fourth wheel & pinion, Center minute wheel & Cannon pinion, Hour wheel

There are two different types as specified below.

Combination :

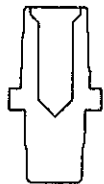
Type	Fourth wheel & pinion	Center minute wheel & Cannon pinion	Hour wheel
a	 ☆241 141	 ☆270 140	 ☆271 145
b	 ☆241 142	 ☆270 141	 ☆271 146

### Tube for circuit block (B)

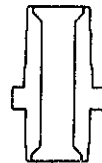
There are two different types of Tube for circuit block (B).

Please refer to the illustration below.

- ☆017 212.....One sided screw
- ☆017 292.....Two sided screw



☆017 212



☆017 292

### Battery

- ☆ Maxell SR621SW
- ☆ Toshiba SR621SW
- ☆ SEIKO TR621SW
- ☆ SEIKO SB-DG

The substitutive battery might be added to the applied battery in the future.  
 In that case, please refer to separate "BATTERY LIST FOR SEIKO QUARTZ WATCHES".

Note that SEIKO battery is marked with "SEIZAIKEN" on its (+) side.