# ITM <br> <br> tIME MODULE 

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## Movement Catalogue 2018



# SII Technology 

## MECHANICAL MOVEMENTS <br> Precision | Craftmanship

## NE86 \& NE88 Mechanical Chronograph



## QUARTZ MOVEMENTS <br> Know-how | Innovation

## VH Sweep Second Quartz Series



## VK Premium Chronograph Series



## Instant Zero Reset

VK premium chronograph movements are developed with the Three Pointed Hammer mechanism (once exclusive to SII mechanical movements) to achieve the Instant Reset Function, a signature feature of mechanical chronographs.

## Reset

## Premium Mechanical Series



## True Value of Watchmaking by SIl's Original Mechanical Chronograph



## Column Wheel for Chronograph Coordination

Column wheel is the most important component of coordinating the Start, Stop and Reset functions of chronograph hands. The smooth and super-soft click start prevents excessive force from being exerted on the other components, resulting in excellent durability. Advanced manufacturing technology is necessary to produce this highly precise column wheel, making it the symbol of high-end watchmaking.


## Vertical Clutch for Power Transmission

Vertical clutch is a tiny device with a pinion running through the centre. When the pinion turns at the start of the chronograph, no gears are moved and the wheel teeth are always meshed together. It thus eliminates the "jumping hand" problem commonly found in other mechanical chronograph watches. Precision level of time measurement and durability of the components are enhanced. Vertical clutch has received much attention, and has been adopted in many luxury watch brands in recent years.

## NE86 \& NE88 Mechanical Chronograph

## NE86

Height: 7.62 mm

## New

2 hands / small second
Quick changing date
Centre chrono second
Chrono minute
Duration time: more than 45 hours
28,800 vibrations per hour ( 4 Hz )
Stop second device
34 jewels


## NE88

Height: 7.62 mm
2 hands / small second
Quick changing date
Centre chrono second
Chrono minute / hour
Duration time: more than 45 hours 28,800 vibrations per hour $(4 \mathrm{~Hz})$ Stop second device
34 jewels


## NE15 \& NE20 Enhanced hand toroue

- Fine polishing
- Higher time accuracy
- Duration time over 50 hours (NE15)
- Multi-eye with power reserve indicator (NE20)
- High beat vibration frequency 28,800 vibrations per hour (4Hz) (NE20)


## NE15

Height: 5.32 mm
3 hands / date
Duration time: more than 50 hours
21,600 vibrations per hour ( 3 Hz )
Stop second device
Quick date correction


## NE20

Height: 6.15 mm
3 hands / day / date / power reserve
Duration time: more than 45 hours
28,800 vibrations per hour $(4 \mathrm{~Hz})$
Stop second device
Quick day \& date correction
29 jewels


NE57 ENHANCED HAND TORQUE


## NE57

Height: 6.63 mm
3 hands / date
Centre power reserve indicator Duration time: more than 41 hours 21,600 vibrations per hour (3Hz) Stop second device Quick date correction 29 jewels


## 



[^0]
## NH3 Series

High quality features



Edge cutting


Mirror finishing (NH38/39)


Efficient winding with
" Magic Lever"


Gold plating (NH38/39)


Stop second device


Côtes de Genève decorated rotor (optional)

Enhanced Hand Torque (measure: unbalance weight)

|  | Before | After | ■Before vs $\square$ After | Calibres |
| :---: | :---: | :---: | :---: | :---: |
| Second hand | $0.20 \mu \mathrm{~N} \cdot \mathrm{~m}$ | $0.60 \mu \mathrm{~N} \cdot \mathrm{~m}$ |  | $300 \% \mathrm{Up}$ | | NE15,NE20,NE57 |
| :--- |

## NH3 Series enhanged hand toraue

## NH35

Height: 5.32 mm
3 hands / date
21,600 vibrations per hour (3Hz) Stop second device Quick date correction 24 jewels


NH36
Height: 5.32 mm
3 hands / day-date
21,600 vibrations per hour $(3 \mathrm{~Hz})$
Stop second device
Quick day \& date correction
24 jewels


NH37
Height: 5.32 mm
3 hands / date / 24 hour
21,600 vibrations per hour (3Hz)
Stop second device
Quick date correction 24 jewels


## NH38

Height: 5.32 mm
3 hands
21,600 vibrations per hour (3Hz)
Stop second device
24 jewels


NH39
Height: 5.32 mm
3 hands / 24 hour
21,600 vibrations per hour (3Hz) Stop second device 24 jewels



NH70 Skeleton Enhanced hand toraue


## Sweep Second Quartz Series

## Sweep Second, High Torque <br> - The Graceful Movement of Time



## Sweep Second

Centre second hand moves in $1 / 4$ second increments, resembles mechanical movement.


Common Quartz
second hand moves in 1/1 second increments


VH Series
second hand moves in $1 / 4$ second increments

High Torque
( measure : unbalance weight)

|  | Common Quartz | VH Series | ■Common Quartz vs ■VH Series |
| :---: | :---: | :---: | :---: |
| Second hand | $0.07 \mu \mathrm{~N} \cdot \mathrm{~m}$ | $0.30 \mu \mathrm{~N} \cdot \mathrm{~m}$ |  |
| Small hand | $0.05 \mu \mathrm{~N} \cdot \mathrm{~m}$ | $0.10 \mu \mathrm{~N} \cdot \mathrm{~m}$ | $\square$ |




VH31 H
Height: 3.45 mm
3 hands
Sweep second hand BL: 2 years (SR920SW)


[^1]
# Premium Chronograph Series 

## Quartz Chronograph Mechanical Action




Instant Zero Reset of Chrono Hands


Centre 1/5 Chrono Second


Click Feeling Push Buttons

## Three Pointed Hammer

(Instant zero reset function)


Three pointed hammer has once been exclusive to SII mechanical chronographs VK premium chronograph series (quartz movements) inherit the technology, setting newly high standard for true chronographs


## VK68 H

Height: 5.10 mm
2 hands / date / small second
Centre $1 / 5$ chrono second
Chrono minute
24 hour
BL: 3 years (SR936SW)


## VK61

Height: 5.10 mm
2 hands / date / small second Centre $1 / 5$ chrono second Chrono minute BL: 3 years (SR936SW)


## VK64 (

Height: 5.10 mm
2 hands / date
Centre $1 / 5$ chrono second
Chrono minute
24 hour
BL: 3 years (SR936SW)


VK63 [
Height: 5.10 mm
2 hands / date / small second
Centre $1 / 5$ chrono second
Chrono minute
24 hour
BL: 3 years (SR936SW)


VK67 [
Height: 5.10 mm
2 hands / date / small second
Centre $1 / 5$ chrono second
Chrono minute / hour
BL: 3 years (SR936SW)


## VK73 [

Height: 5.90 mm
2 hands / big calendar
Small second
Centre $1 / 5$ chrono second
Chrono minute
24 hour
BL: 3 years (SR936SW)


VK83
Height: 5.10 mm
2 hands / date
Small second
Centre $1 / 5$ chrono second
Retrograde chrono 20 minute
24 hour
BL: 3 years (SR936SW)


[^2]
## Basic Chronograph Series

## Enhanced Hand Torque



Hour hand torque 120\% Up


Minute hand torque 150\% Up

Enhanced Hand Torque
( measure : unbalance weight)

|  | Before | After | Before vs ■After |  |
| :---: | :---: | :---: | :---: | :---: |
| Hour hand | $0.50 \mu \mathrm{~N} \cdot \mathrm{~m}$ | $0.60 \mu \mathrm{~N} \cdot \mathrm{~m}$ |  | $120 \%$ Up |
| Minute hand | $0.60 \mu \mathrm{~N} \cdot \mathrm{~m}$ | $0.90 \mu \mathrm{~N} \cdot \mathrm{~m}$ |  | $150 \%$ Up |

## Super High Hand

VD57 Special chrono $\mathbf{1 / 1 0}$ second hand : Disc hand applicable!


Type LLA


Type LLA


Type LLB


VD53 (Type LLA)


VD57 (Type LLB)
 $\square_{-}^{\frac{12 h}{(65)}} \square_{-}^{\frac{6 h}{(65)}} \square_{-}^{\frac{9 h}{(65)}}$

VD53 (Type LLB)


## VD50 HL $60 \mathrm{~min} 1 / 10 \mathrm{sec}$

Height: 4.57 mm
3 hands / date,
Chrono second / minute
Retrograde chrono 1/10 second BL: 3 years (SR920SW)


VD51 HLL 60 min
Height: 4.57 mm
3 hands / date,
Chrono second / minute
BL: 3 years (SR920SW)


VD54 (1) 60 min
Height: 3.97 mm
3 hands,
Chrono second / minute, 24 hour
BL: 3 years (SR920SW)


VD56 [ $60 \mathrm{~min} 1 / 10 \mathrm{sec}$
Height: 3.97 mm
3 hands,
Chrono second / minute / 1/10 second
24 hour
BL: 3 years (SR920SW)


VD57 HL $60 \mathrm{~min} 1 / 10 \mathrm{sec}$
Height: 4.57 mm Super high hand
3 hands / date,
Chrono second / minute / 1/10 second
BL: 3 years (SR920SW)


VD52 HL
60 min
Height: 4.57 mm
3 hands / date,
Chrono second / minute, 24 hour
BL: 3 years (SR920SW)


VD55 H
60 min
Height: 3.97 mm
3 hands,
Chrono second / minute / 1/10 second
BL: 3 years (SR920SW)


VD59 HL $60 \mathrm{~min} 1 / 10 \mathrm{sec}$
Height: 4.57 mm
3 hands,
Chrono second / minute / 1/10 second
Sun \& moon
BL: 3 years (SR920SW)


Enhanced hand torque


Super high hand


[^3] Measure up to 60 minutes.
$1 / 10 \mathrm{sec}$
Measure in 1/10 second increments.

## Dual Time Series

## TwoTime Zones at a Glance at Wrist



- Dual Time Function Easily Adjusted by Pushers
-VD32, VD34, VD36, VD38
-Case Compatible with VD54 and VD55
-VD31, VD33, VD35, VD37
-Case Compatible with VD53 and VD57 -Date Window with Many Different Variations



VD32 $\mathrm{H}^{2}$
Height: 3.97 mm
Local time: 3 hands / 24 hour
Dual time: 24 hour
BL: 2 years (SR920SW)


## VD33 HL

Height: 4.57 mm Local time: 3 hands / date / 24 hour
Dual time: 12 hour / minute BL: 2 years (SR920SW)


VD34
Height: 3.97 mm
Local time: 3 hands / 24 hour Dual time: 12 hour / minute BL: 2 years (SR920SW)


## VD35 HL

Height: 4.57 mm
Local time: 3 hands / date Dual time: 24 hour / minute BL: 2 years (SR920SW)


VD36
Height: 3.97 mm
Local time: 3 hands
Dual time: 24 hour / minute
BL: 2 years (SR920SW)


VD38
Height: 3.97 mm
Local time: 3 hands
Dual time: 24 hour / 12 hour /
minute
BL: 2 years (SR920SW)



## Multi-eye \& Retrograde Series

## Simple • Balanced • Variety



CASE SIZE(3h-9h) 38.6 mm




## VD7 Series



VD76 HL
Height: 3.45 mm
2 hands /
Small second /
Day / date
BL: 3 years
(SR626SW)


VD77 HL
Height: 3.45 mm
2 hands /
Small second /
24 hour
BL: 3 years
(SR626SW)


## VD79 HL

Height: 3.45 mm
2 hands /
Day / date
BL: 3 years
(SR626SW)


# Slim Series 

## VJ/VC Series



Search for more variations of SII Movements at

- Sizes from $43 / 4^{\prime \prime \prime}$ to 12 1/2"'
- Calendars in different languages, colors, positions and shapes
- High hand and long stem versions available




| 3 Hands / Date | 3 Hands / Day-Date | 3 Hands / Wide Day-Date | 3 Hands / Big Calendar |
| :---: | :---: | :---: | :---: |
| VJ42 | VJ43 | VJ45 | VJ76 [ |
| Height: 2.71 mm | Height 2.944 mm | Height: 2.94 mm | Height: 3.50 mm |
| BL: 3 y ears (SR621SW) | BL: 3 y ears (SR621SW) | BL: 3 years (SR621SW) | BL: 3 years (SR621SW) |
|  |  |  | BIG Calendar |



## Standard Series


2 Hands

3 Hands

3 Hands / Date

3 Hands / Day-Date 3 Hands / Sun \& Moon



PC10
Height: 3.15 mm
BL: 2 years (SR527SW) BL: 2 years (SR527SW)


PC21J [
Height: 3.15 mm
BL: 3 years (SR626SW)
PC22
Height: 4.15 mm
BL: 3 years (SR626SW)

$$
5
$$



$$
2
$$

PC23
Height: 4.15 mm BL: 3 years (SR626SW)

PC29
Height: 4.15 mm BL: 3 years (SR626SW)


PC32
Height: 4.15 mm
BL: 3 years (SR626SW)


PC33
Height: 4.15 mm
BL: 3 years (SR626SW)


Our PC21 movement with gold "JAPAN" marking indicates that it is "Made In Japan"


## All SII analogue quartz - Green products

SII Products pursues a better environment by removing the hazardous mercury and lead from all Japan movements' batteries from 2008.


High quality to the world by SII movements


SII factory in Morioka (Japan)


FA lines of AQ movements in SII factory


SII head office (Japan)

## High Hand

Mechanical


## Sweep Second Quartz



## Premium Chronograph



## Basic Chronograph



Dual Time


Multi-eye / Retrograde


## Slim

| VC00 / VC10 |  | VC01 / VC11 |  |
| :---: | :---: | :---: | :---: |
| M | L | M | L |
|  |  |  |  |



| VJ20 |  | VJ21 |  | VJ12 / VJ22 / VJ32 |  | V 23 / VJ33 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | L | M | L | M | L | M | L |
|  |  |  |  |  |  |  |  |

## Standard


VH Series

## SII Movements－Index

| Premium Mechanical Series |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Height ： 7.62 mm | Height ： 7.62 mm |  | Height ： 6.15 mm |  | $\stackrel{9}{⿺ ⿻ ⿻ 一 ㇂ ㇒ 丶 ⿱ 一 口 心}$ |  |

Basic Mechanical Series

## SII Movements - Index


Premium Chronograph Series

| Basic Chronograph Series |  |  |  |  | BL : 3 years |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Dual Time Series

| Multi-Eye \& Retrograde Series |  |  |  |  |  |  |  | BL : 3 years |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| E |  | VD73 HIL $10^{1} / 2^{\prime \prime}$ <br> Height : 3.45 mm | VD74 HIL 101/2"' <br> Height : 3.45 mm | VD75 HIL $101 / 2^{\prime \prime}$ <br> Height : 3.45 mm | VD76 HIL $101 / 2^{\prime \prime \prime}$ <br> Height : 3.45 mm | VD77 HL 101/2"' <br> Height : 3.45 mm | VD78 HL $101 / 2^{\prime \prime}$ <br> Height : 3.45 mm | VD79 HL $101 / 2^{\prime \prime}$ <br> Height : 3.45 mm |
|  |  | VD85 HIL $101 / 2^{1 "}$ <br> Height : 3.45 mm | Height : 3.45 mm | VD87 HIL 101/2"' <br> Height : 3.45 mm |  |  |  |  |


Standard Series

# TMII <br> <br> time module 

 <br> <br> time module}

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All of our WATCH MOVEMENTS are manufactured to the high standard of reliability stipulated by ISO 9001/14001 SERIES

## Manufacturer

Seiko Instruments Inc.


[^0]:    * Specifications are subject to change without notice. Photos are slightly different from actual products. * Photo Scale $=1: 1$

[^1]:    * Specifications are subject to change without notice. Photos are slightly different from actual products. * Photo Scale $=1: 1 \quad \mathrm{BL}=$ Battery Life

[^2]:    * Specifications are subject to change without notice. Photos are slightly different from actual products. * Photo Scale $=1: 1 \quad$ BL = Battery Life $\quad$ High Hand Available

[^3]:    *Specifications are subject to change without notice. Photos are slightly different from actual products. * Photo Scale $=1: 1 \mathrm{BL}=$ Battery Life $\quad \mathbf{H}$ High Hand Available $\mathbf{\square}$ Long Stem Available

