

# Compatible Products

| Category                      | Product                                                                                                         | Transmission | Connection unit                              |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------|
| HIGH-PRECISION LEVEL LEVELING |  DL-SXY                        | Wired        | DL-P6 (Included)                             |
|                               |  DL-mXY                        | Wired        | DL-P6                                        |
|                               |  DL-S4W                        | Wireless     | Receiving unit (Included)                    |
|                               |  DL-m5W                        |              |                                              |
|                               |  DL-SXYW-S                     | Wired        | DL-P6                                        |
|                               |  DL-S3                         | Wireless     | DTW-DL01                                     |
|                               |  DL-m3                         |              |                                              |
|                               |  DL-m4                        | Wired        | DL-P6                                        |
|                               |  DL-m5                        |              |                                              |
|                               |  DL-S2W                      | Wireless     | Receiving unit (Included)                    |
| ANGLE PROTRACTOR              |  DIGITAL PROTRACTOR DP-30XY2 | Wired        | DP-C                                         |
|                               |  DIGITAL PROTRACTOR DP-180   | Wired        | USB cable (Included)                         |
|                               |  BEBEL BOX BB-180W           | Wireless     | Built-in Bluetooth<br>※Support OS: Windows10 |
|                               |                                                                                                                 |              |                                              |

※More compatible products will be added in future update.  
 ※Other manufacturers' products can also be connected.  
 Please contact us for details.

## ◆Connection units

S-line data transfer cable DTC-1  
 S-line data transfer cable DTC-2  
 S-line data transfer cable DTC-3  
 Wireless Receiver WI-1M  
 Bluetooth BOX DTW-DL01  
 Bluetooth BOX DTW-DG01  
 Bluetooth BOX DTW-DG02 (for Windows 10)  
 PC connecting cable DL-P6  
 PC connecting cable DP-C

| Category   | Product                                                                                                                           | Transmission | Connection unit    |
|------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|
| CALIPER    |  S-LINE DIGITAL VERNIER CALIPER MW SERIES       | Wireless     | WI-1M              |
|            |  S-LINE DIGITAL VERNIER CALIPER M SERIES        | Wired        | DTC-M1             |
|            |  DIGITAL VERNIER CALIPER GDC SERIES             | Wireless     | DTW-DG01/02        |
| MICROMETER |  S-LINE DIGITAL MICROMETER MW SERIES            | Wireless     | WI-1M              |
|            |  S-LINE DIGITAL MICROMETER S2 SERIES            | Wired        | DTC-1              |
|            |  S-LINE DIGITAL THREE-POINT INTERNAL MICROMETER | Wired        | DTC-1              |
|            |                                                                                                                                   |              |                    |
| INDICATOR  |  S-LINE DIGITAL INDICATOR DEI-MW SERIES         | Wireless     | WI-1M              |
|            |                                                                                                                                   | Wired        | DTC-M1             |
|            |  S-LINE DIGITAL INDICATOR DEI-MH SERIES        | Wired        | DTC-M1             |
|            |  S-LINE DIGITAL TEST INDICATOR DET-SW SERIES   | Wireless     | Built-in Bluetooth |
|            |                                                                                                                                   | Wired        | DTC-2              |

Integrated software for measuring instrument **SK-LOG**

## Features

- Instruments and tolerance can be shown in a list-form when connecting multiple instruments
- Data output to specified cells is possible (Excel)
- Automatic version update
- Voice reading function
- Visible command buttons
- Connectable to various measuring instruments
- No need to use hardware (Web authentication version)
- Can be used in an offline environment (USB dongle version)
- Accessories : CD Software/ Instruction manual/ Product key card (Web authentication version)/ USB dongle (USB dongle version)

## Required PC specs

- CPU: Intel Core i3-2350M 2.30GHz
  - Memory: 4GB
- ※Operation may become slow depending on PC specs and number of connected devices.  
 ※Compatible products may be limited depending on the OS.

## Recommended PC specs

- CPU: Intel Core i3-8145U 2.30GHz or over
- Memory: 4GB or over
- OS: 64 bit Windows10

**SK Niigata Seiki**

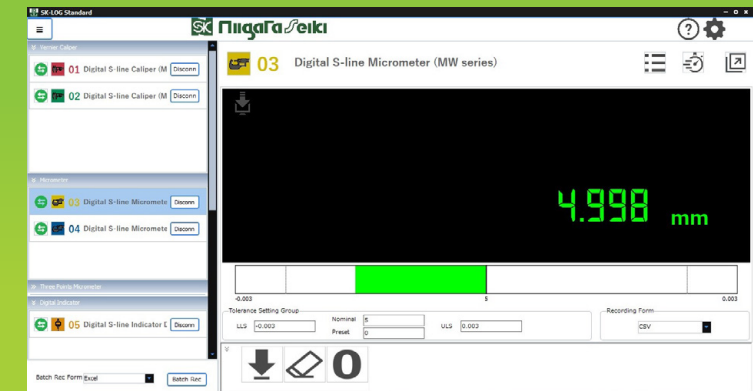
For everyone who wants to manage measurement data and focus on IoT.  
 Why not start risk management and efficiency improvement for your future business now?

Integrated software for measuring instrument

# SK-LOG

## New interface !

High visibility for easy-to-read measurement values.  
 Undo of data output and setting change of instruments are possible.  
 (The setting change is possible with limited instruments only.)



## SK-LOG will help to solve your problems.

### All can be RESOLVED

- |                                                                                                |                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> I want to stop analog management by hand writing.          | It is possible to input measurement data to software such as Excel.                                                                                               |
| <input checked="" type="checkbox"/> I want to manage multiple instruments simultaneously.      | It is possible to manage multiple instruments.<br>(Max. number of connections depends on the specification of the measuring instrument and the connection device) |
| <input checked="" type="checkbox"/> I want to manage different types of measuring instruments. | Vernier caliper, micrometer and many others can be connected. (Details on the back)                                                                               |
| <input checked="" type="checkbox"/> I want to input measurement data in specific locations.    | It is possible to specify cells for inputting data in specified locations (when using Excel).                                                                     |
| <input checked="" type="checkbox"/> I want to import measurement data automatically.           | It is possible to import data every 1 second (Excel format) and every 0.2 seconds (CSV format).                                                                   |
| <input checked="" type="checkbox"/> I want to set a specified tolerance for Go/ Nogo judge.    | It is possible to specify a tolerance. When a value is out of the tolerance, it notifies you with red color text or beeping.                                      |
| <input checked="" type="checkbox"/> I want to check measurements by voice reading.             | Voice reading function available.                                                                                                                                 |
| <input checked="" type="checkbox"/> I'm worried if a malfunction occurs in the software.       | Automatic updates can be made (with an internet connection).                                                                                                      |

### ☒ Try Lite version for FREE if any of these are applicable!

Lite version is available for download on our website.

※The Lite version can be connected to only one unit, and cell-specified data output to Excel is not possible.

Download ... [https://www.niigataseiki.co.jp/software\\_sklog.html](https://www.niigataseiki.co.jp/software_sklog.html)



## Two versions are available depending on your work environment.

**Web authentication version**  
 Model No: SK-LOG-W

- Recommended for those who  
 ⇒ wish to use in an environment WITH internet access.

**USB dongle version**  
 Model No: SK-LOG-D

- Recommended for those who  
 ⇒ wish to use in an environment WITHOUT internet access.

※The appearance and specifications are subject to change without notice for product improvement.  
 ※There may be a slight difference in color between the printed material and the actual product.

**SK Niigata Seiki Co., Ltd.**  
 5-3-14, Tsukanome, Sanjo, Niigata, Japan, 955-0055  
 Tel. : +81-256-33-5522 Fax. : +81-256-33-5518  
 MAIL [intl.sales@niigataseiki.co.jp](mailto:intl.sales@niigataseiki.co.jp)  
 URL <http://www.niigataseiki.co.jp>

■Distributor

## Simultaneous management of multiple instruments & highly flexible Excel input

Can be connected **Wired** or **Wireless** with data communicating instruments (compatible products listed on the back)

**With only one application.**

D-150IP67MW + WI-1M

DEI-121MW + WI-1M

DL-S4W

MCD-25IP65MW + WI-1M

DET-0800SW

Available within the selected range.

|   | A     | B     | C    | D |
|---|-------|-------|------|---|
| 1 | 0.05  | -0.01 | 0.03 |   |
| 2 | -0.03 | 0.00  | 0.02 |   |
| 3 | 0.02  | 0.04  |      |   |
| 4 | -0.01 | 0.02  |      |   |
| 5 | 0.01  | 0.05  |      |   |
| 6 | 0.00  | -0.02 |      |   |

|   | A    | B     | C     | D    |
|---|------|-------|-------|------|
| 1 | 0.05 | -0.03 | 0.02  | 0.01 |
| 2 | 0.01 | 0.00  | -0.01 | 0.00 |
| 3 | 0.04 | 0.02  | 0.05  | 0.02 |
| 4 | 0.03 | 0.02  |       |      |
| 5 |      |       |       |      |
| 6 |      |       |       |      |

## User-friendly data management with various data output to Excel worksheet.

Measurements can be output to a selected range in a specified direction.  
The setting can be changed by worksheet.

|   | A     | B     | C    | D |
|---|-------|-------|------|---|
| 1 | 0.05  | -0.02 | 0.03 |   |
| 2 | -0.03 | 0.05  | 0.02 |   |
| 3 | 0.02  | 0.02  |      |   |
| 4 | -0.01 | 0.04  |      |   |
| 5 | 0.01  | 0.00  |      |   |
| 6 | 0.00  | 0.01  |      |   |

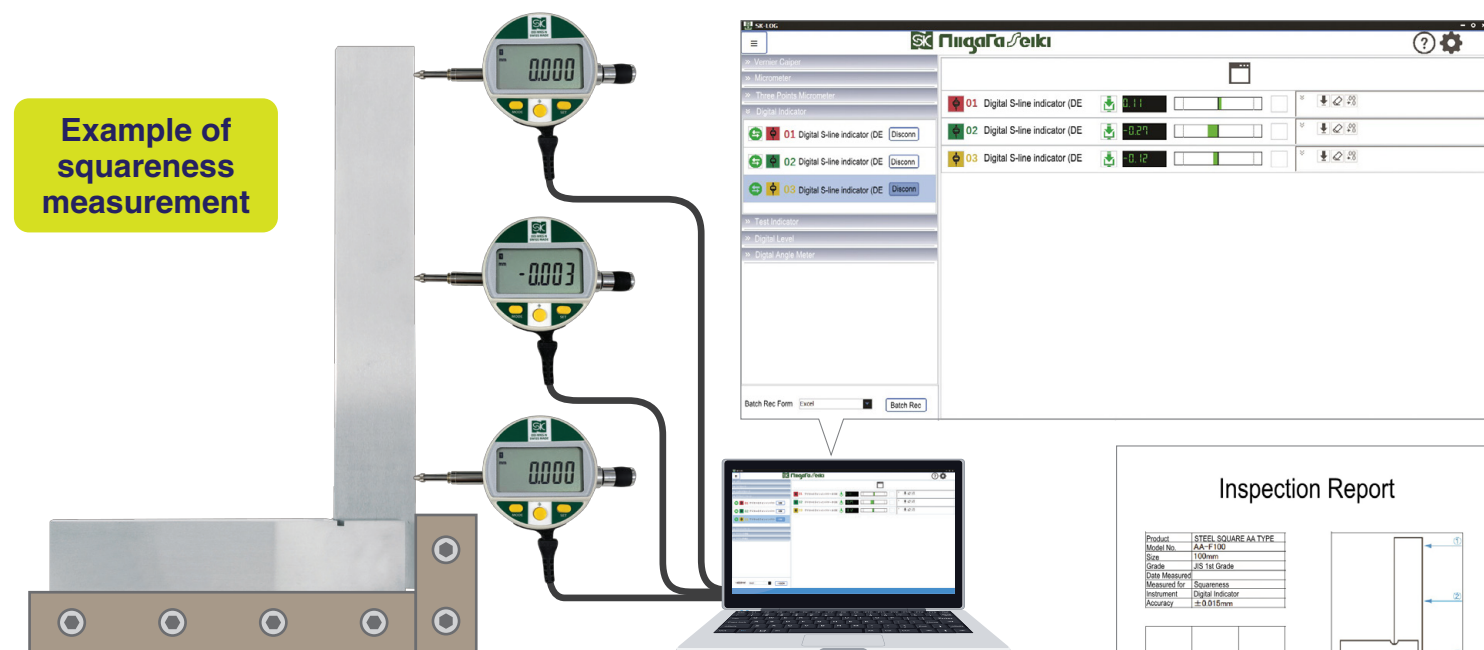
|   | A | B     | C | D |
|---|---|-------|---|---|
| 1 |   | 0.05  |   |   |
| 2 |   |       |   |   |
| 3 |   | -0.03 |   |   |
| 4 |   |       |   |   |
| 5 |   | 0.02  |   |   |
| 6 |   |       |   |   |

|   | A            | B            | C            | D            |
|---|--------------|--------------|--------------|--------------|
| 1 | Instrument A | Instrument B | Instrument C | Instrument D |
| 2 | 0.05         | 0.02         | 0.03         | 0.1          |
| 3 | -0.03        | 0.00         | -0.02        | 0.0          |
| 4 | 0.02         | 0.01         | 0.04         | 0.2          |
| 5 | -0.01        | 0.00         | 0.03         | -0.1         |
| 6 |              |              |              |              |

【Bulk recording of multiple instruments】

## Example of squareness measurement with S-line digital indicator

### Example of squareness measurement



### ◆ Using S-line digital indicator DEI-WKS2

- Install S-line digital indicators onto fixtures before use.
- Squareness measurement is possible by comparative measurement with a master.
- Three different data can be imported simultaneously, which will increase your work efficiency.



Inspection Report

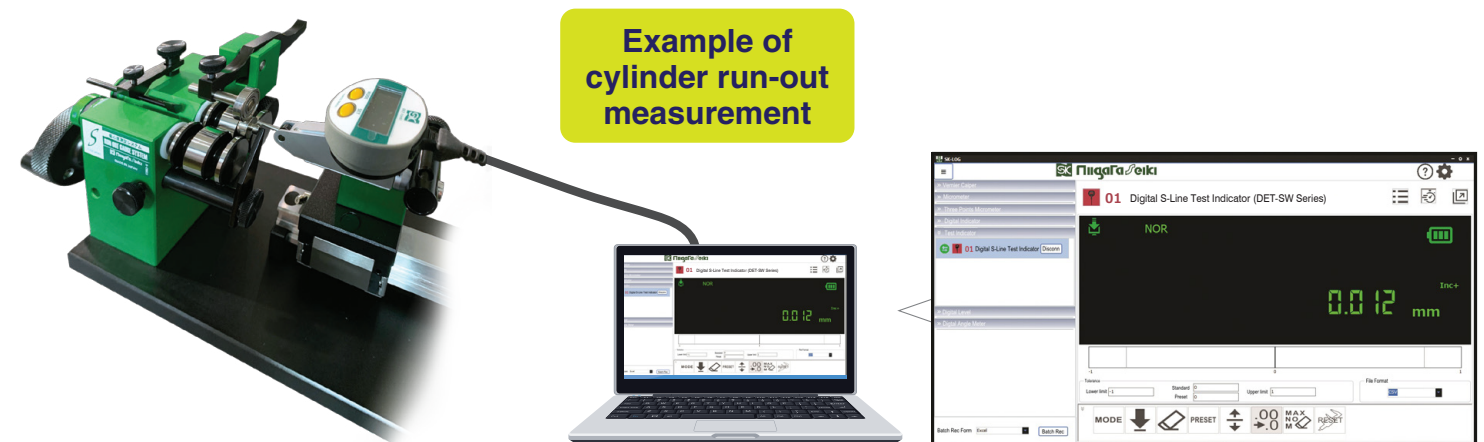
|               |                      |
|---------------|----------------------|
| Product       | STEEL SQUARE AN TYPE |
| Model No.     | AA-T 100             |
| Size          | 100mm                |
| Spec          | JIS 1st Grade        |
| Date Measured |                      |
| Measured by   |                      |
| Instrument    | Squareness           |
| Accuracy      | ±0.015mm             |

| Measuring Point | ①     | ②      | ③     | Results |
|-----------------|-------|--------|-------|---------|
| 1               | 0.002 | 0.002  | 0.002 | Passed  |
| 2               | 0.001 | -0.004 | 0     | Passed  |
| 3               | 0.004 | 0.002  | 0.002 | Passed  |
| 4               | 0.008 | 0.005  | 0.005 | Passed  |
| 5               | 0.011 | 0.010  | 0.013 | Passed  |
| 6               | 0.009 | 0.009  | 0.010 | Passed  |
| 7               | 0.007 | 0.005  | 0.009 | Passed  |
| 8               | 0.014 | 0.012  | 0.011 | Failed  |
| 9               | 0.008 | 0.005  | 0.006 | Passed  |
| 10              | 0.004 | 0.002  | 0.002 | Passed  |
| 11              | 0.011 | 0.010  | 0.013 | Passed  |
| 12              | 0.009 | 0.009  | 0.010 | Passed  |
| 13              | 0.001 | -0.004 | 0     | Passed  |
| 14              | 0.004 | 0.002  | 0.002 | Passed  |
| 15              | 0.005 | 0.002  | 0.003 | Passed  |
| 16              | 0.008 | 0.005  | 0.006 | Passed  |
| 17              | 0.011 | 0.010  | 0.013 | Passed  |
| 18              | 0.009 | 0.008  | 0.010 | Passed  |
| 19              | 0.011 | 0.010  | 0.013 | Passed  |
| 20              | 0.014 | 0.012  | 0.011 | Failed  |

## Example of cylinder run-out measurement using Run-out gauge system

### Example of cylinder run-out measurement



### ◆ Using Run-out gauge system ROG-221LS and S-line test indicator DET-0800SW

- For measuring outside diameter based run-out easily without using V-blocks.
- Improved work efficiency can be achieved by using with S-line test indicator and SK-LOG.

