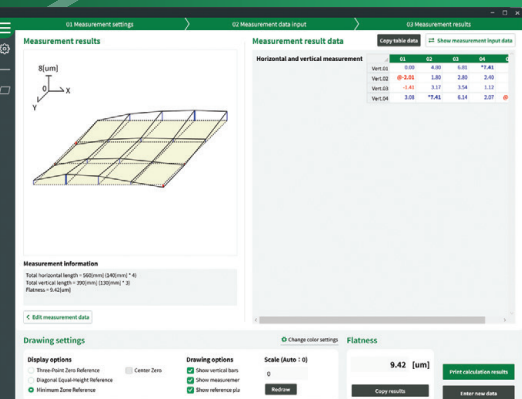


Surface Plate & Machine Accuracy Measurement Software

LEVELAB

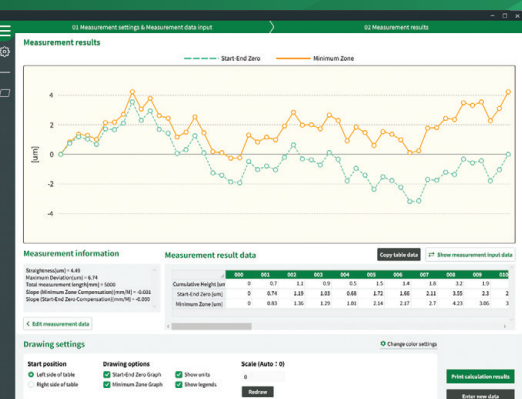
Direct input of measurement data from compatible devices

※Spirit levels can also be used via keyboard input



Instant graphing based on measured values

Surface plate flatness can be visually confirmed with no calculation required



Straightness measurement is also supported with a single software

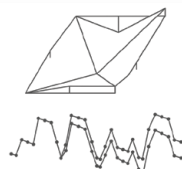
Contributes to improved efficiency in post-process inspection

Product Specifications

Product Code	010079
Product Name / Model Number	Surface Plate & Machine Accuracy Measurement Software : LEVELAB
Supported OS	Windows10 (32bit, 64bit), Windows11 ※ARM versions not supported
Supported Language	Japanese, English and Chinese
License Authentication	USB Dongle
Update Method	Free updates via network

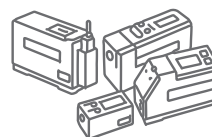
LEVELAB Product page
or
Search within the Niigata Seiki
official website

LEVELAB



JIS-compliant measurement

A single software solution for flatness and straightness measurement



Compatible with Levelnic Series

Wired and wireless connection supported



Keyboard input supported

Spirit levels can also be used via manual input.

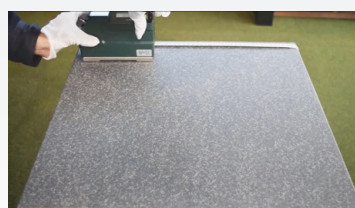
When combined with High-Precision Digital Level : Levelnic Series...
Surface plate calibration can be completed quickly by one person !

▼ By replacing a conventional spirit level with "Levelnic" ▼

Surface plate calibration is **possible** with

Measurement Time : **15 min**
Flatness calculation Time : **0 min**

※For a 1,000×1,000mm surface plate using LEVELAB with the grid method (measurement pitch : 100mm, 100divisions)



Measurement time is reduced to 1/8 compared with a conventional spirit level.

Spirit Level



No numerical reading or manual calculations required!
Tasks that previously required two people can now be completed by one.

1. Reduction of Measurement Time and Labor Costs

※Up to **approx. 100 minutes can be saved** per surface plate, and **the work can be performed by one person.**

※**Approx. 117 minutes using a spirit level**, and **approx. 17 minutes using Levelnic**

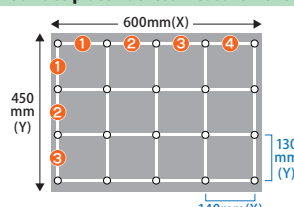
※For a 1,000 × 1,000mm surface plate using the grid method (measurement pitch : 100mm, 100points)

2. Reliability of Measurement Data

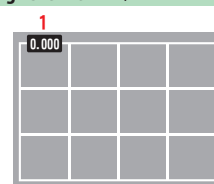
※**No variation in readings caused** by the operator (using JIS-compliant software)



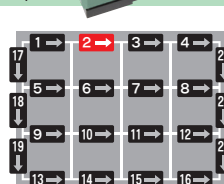
Surface plate flatness measurement using Levelnic Example : 600 × 450mm surface plate



1 Set the **measurement pitch** and **number of divisions** in the X and Y directions.
※Example>
X direction : Pitch / 140mm, Divisions / 4
Y direction : Pitch / 130mm, Divisions / 3



2 Place the instrument at the designated point 1, zero-reset once the displayed value stabilizes, and import the data to the PC.



3 Continue placing the instrument at the next point 2 and import the data once the value stabilizes.
※Data acquisition is repeated in the numerical order shown above.

Products Required for Measurement

- High-Precision Digital Level : Levelnic Series
- Surface Plate & Machine Accuracy Measurement Software : LEVELAB
- PC
- PC Connection Device: DL-P6 (wired) / DL-BW (wireless)
※Only for applicable models

Notes

- ※Up to 2% from the edge of the surface plate may be excluded from measurement.
- ※Measurement pitch and number of divisions vary depending on the surface plate size.
- ※The measurement method uses chained height measurements.

※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.

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