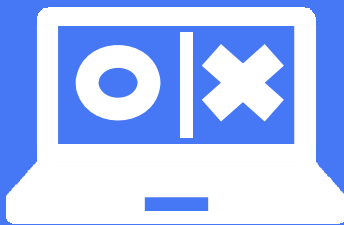**ONO SOKKI**

GN-1100 Noise Testing Software

Analysis & Judgment of Noise signal

GN-1100 analyzes and judges various electrical signals such as sound and vibration using various methods including frequency analysis.
It's the successful choice for Inspection of bearings, motors, transmissions, home appliances, electronic parts, and monitoring of plant facilities.
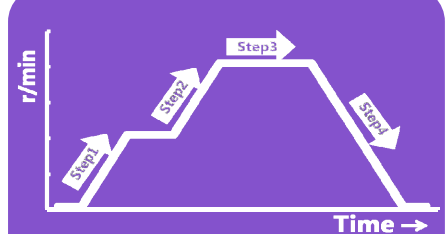
● 3 features of GN-1100 for accurate & quick judgment

Pass/fail judgment as standard function. Used for multi-channel comparator

Simultaneous measurement and analysis of items; FFT, Tracking, 1/3 Octave etc.

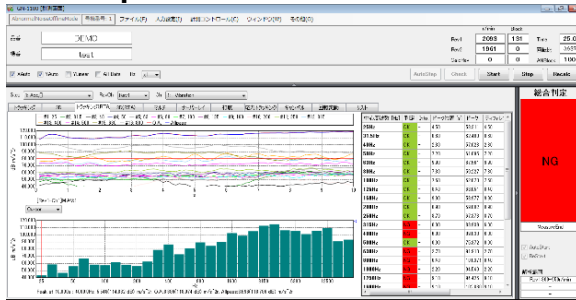**Automatic measurement** by registering a series of the test processes of a workpiece as steps

● Calculates judgment threshold using statistical processing
*Included in the GN-0170 Real-time Octave Analysis Function

This function calculates the optimal judgment threshold using a group of data judged to be normal in the past and statistical processing. It contributes to reduce man-hours in the management of judgment standards.
It allows to quantitatively perform "judgment close to the auditory sensation of human" having a characteristic proportional to the frequency component, and supports to build up the human-independent test system.
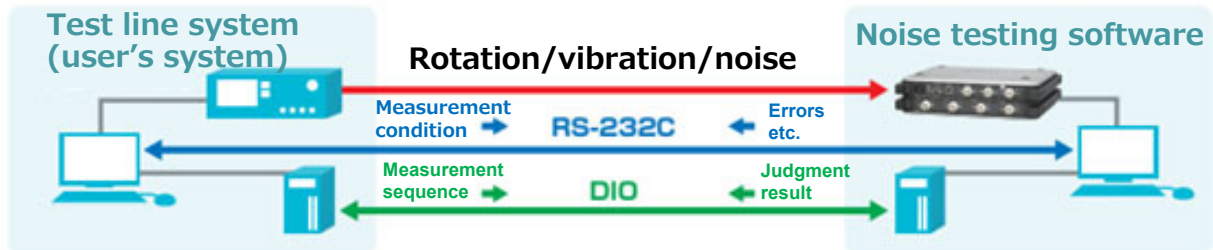
★Example of measurement screen

★Setting example of judgment line

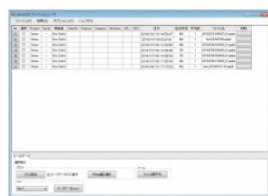| Center Freq [Hz]	Judge	Threshold	Coefficient Of Variation	Const[dB]	NG Cancel	NG-X	NG-Y
50Hz	✓	Const ▼	3	80	☐	1	10
63Hz	✓	Const ▼	3	80	☐	1	10
80Hz	✓	Const ▼	3	80	☐	1	10

● Easily install to your test line

You can use LAN, RS-232C, or DIO etc. as communication form, and install to your test line easily. *LAN communication: GN-0120 required, RS-232C and DIO: made to order
The measurement data can be transmitted to an external system.
You can change the threshold value easily.

Test line system (user's system) — Rotation/vibration/noise — **Noise testing software**

Measurement condition ➡ RS-232C ⬅ Errors etc.
Measurement sequence ➡ DIO ⬅ Judgment result

● Search, reference, overlay, and recalculation
Easy to process the huge data

Test result can be used effectively by searching, referring, overlaying, and averaging the required data from huge amount of data.

Check result/ overlay   Average   Print/output

Further processing software

Further analysis ➡ **OS-2000** Series
Time-Series Data Analysis Software

● Operating environment

Front end	DS-3200 series
OS	Windows 7/10(64-bit) .NET Framework Microsoft® .NET Framework 4.6 or later
CPU	Intel Core i7 3GHz or more (recommended)
Memory	4 GB or more (recommended)
Drive	CD/DVD optical drive
Interface	USB3.0×2 port or more, or USB3.0×1 port＋USB2.0×1 port or more
Display	800×600 or more

● Product list

GN-1100	Noise Testing Software
GN-0170	Real-time Octave Analysis Function
GN-0100	ORF Input & Recalculation Function
GN-0120	GN Link Function
GN-0130	File Viewer Function

*Hardware, system assembly and instructional fees will be charged separately.