

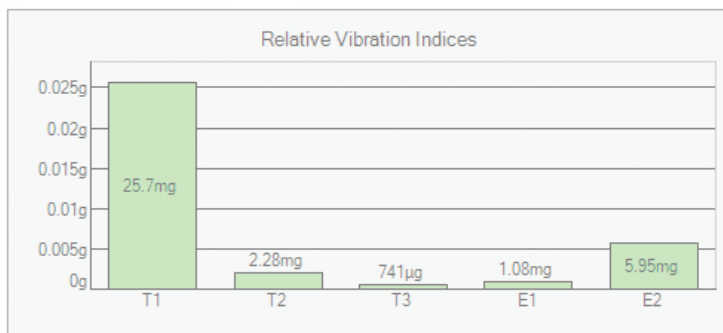
PicoDiagnostics NVH Kit

The cost-effective tool for real-time NVH diagnostics

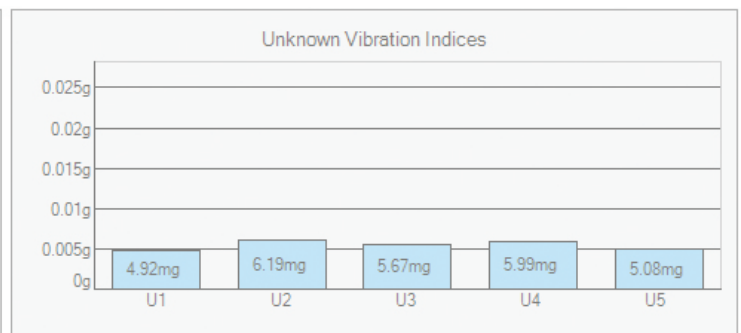
THE NEW BENCHMARK FOR NOISE, VIBRATION AND HARSHNESS DIAGNOSTICS

The PicoDiagnostics® NVH Kit provides a breakthrough in accurate analysis of vehicle noise, vibration and harshness problems. Using the large display of your existing laptop, this system combines lightning-fast capture and analysis of vehicle data with clear easy-to-read presentation of results and actions. It offers everything you ever wanted in an NVH tool, harnessing the power of your laptop to provide massively improved performance, flexibility and sharing of information.

The NVH kit works with PicoScope® - the world's most popular automotive oscilloscope. This has been engineered to improve efficiency within the workshop by allowing you to directly check sensors, actuators, systems and wiring. With special functions to help in capturing and diagnosing intermittent and performance problems, PicoScope allows you to do much more than just test wiring, components, noise and vibrations.



Vibration	Frequency	Amplitude (g)
Tire Vibration (1)	16.9 Hz	25.7 mg
Tire Vibration (2)	33.8 Hz	2.28 mg
Tire Vibration (3)	50.7 Hz	741 µg
Engine Speed (1)	39.8 Hz	1.08 mg
Engine Speed (2)	79.5 Hz	5.95 mg



Vibration	Frequency	Amplitude (g)
U1	15.5 Hz	4.92 mg
U2	65.4 Hz	6.19 mg
U3	81.5 Hz	5.67 mg
U4	85.4 Hz	5.99 mg
U5	102.0 Hz	5.08 mg

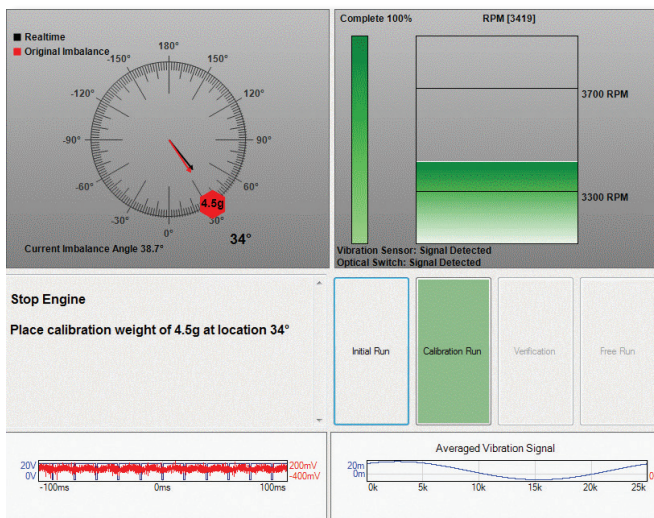
Free technical support • Free updates

Software compatible with Windows XP SP3, Windows Vista, Windows 7 and Windows 8 (Not Windows RT)

OVERVIEW

The PicoDiagnostics NVH Kit from Pico Technology is the cost-effective answer to the many NVH problems facing technicians today. It provides real-time diagnosis in the form of either: a bar graph, a frequency chart, a 3D frequency chart, RPM order or road speed view. The ability to start the recording before a road test, and play back the recording for analysis on your return, ensures that driver attention remains on the road. Saving the recordings couldn't be simpler: like our other automotive software you simply save the file to your laptop's hard drive.

The PicoDiagnostics NVH kit makes use of the PicoScope 4000 Series Automotive oscilloscope, and comes with all you need to get started. You can be sure that this investment will benefit your business without the need for further spending as software updates are free for life.



DYNAMIC DRIVELINE BALANCING

Using the full display and power of your laptop, the PicoDiagnostics NVH system provides clear advice, analysis and procedures:

- Direct support for pinion flange, single weight, and hose clamp methods
- Step-by-step procedures with help and graphical displays

ORDERING INFORMATION

ORDER CODE	DESCRIPTION	GBP	USD*	EUR*
PP986	Pico 3-axis NVH Diagnostic kit	499	819	699

Tests shown relate to inbuilt PicoScope tests as of April 2014. Further releases of PicoScope may extend these tests.

The use of your PicoScope is not restricted to these pre-set tests, and any of our accessories can be added as you need them to further enhance your diagnostic capability. Get started with PicoScope today by choosing the kit that best meets your needs.

*Prices are correct at the time of publication. Please contact Pico Technology for the latest prices before ordering.

KEY FEATURES AND BENEFITS

- Simple bar charts and results for quick diagnosis and ease of use. Full analysis and advanced features (including waterfall and spectral displays) at your fingertips
- Designed for road testing, workshop diagnosis and driveline balancing
- Detects and isolates multiple vibrations and noises providing help and advice on causes and fixes
- Can use a J2534-compliant interface to acquire engine speed data, or signal input - particularly useful for older or non-compliant vehicles
- Full screen, high-resolution results are presented clearly and accurately
- Record up to 500 seconds of data, with automatic analysis
- No limits on the number of road tests that can be stored on your laptop or network for playback, analysis, sharing and attaching to customer records
- Customer report function to explain the diagnosis and repair
- Import WAV audio files, for example of vehicle noise recorded by a customer
- Plugs into your automotive PicoScope (available separately)
- Free software updates
- Software compatible with Windows XP SP3, Vista, 7 and 8 (not RT)

WHAT'S IN THE PICODIAGNOSTICS NVH KIT

- Accelerometer
- NVH Interface
- BNC cable
- Microphone
- Sensor extension lead

OPTIONAL EXTRAS (FOR BALANCING)

- Optical Sensor
- Magnetic Mounting fixture

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