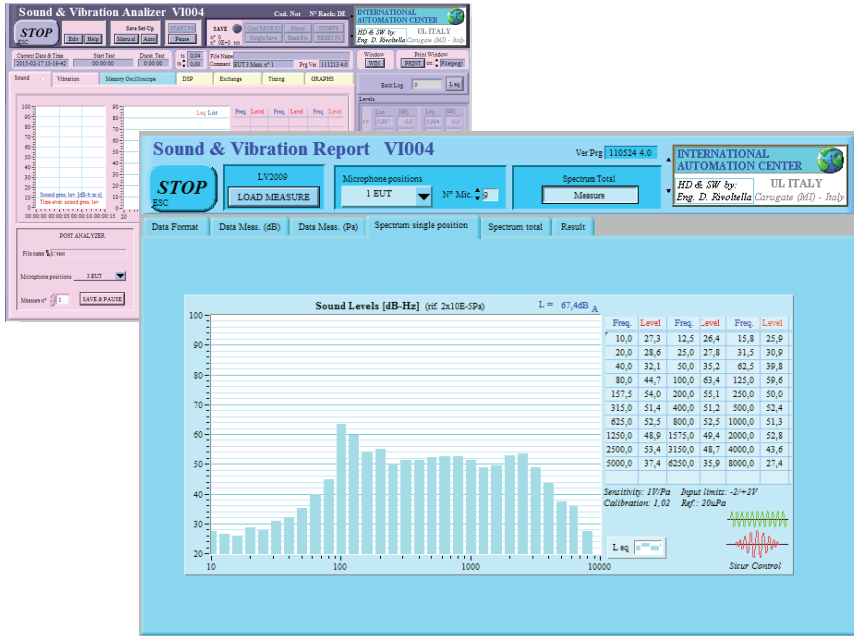




AUT SW VI004 Sound & Vibration and AUT SW ED004 Sound and Vibration Report

The Sound & Vibration Analyzer is a double-function instrument.



Sound and Vibration Software and Report

The Sound & Vibration Analyzer is a double-function instrument. Exploiting the physical attributes between the sound and vibration measurement, the instrument can acquire a signal, or signals, from microphones or accelerometers (normally just amplified and filtered with external dedicated amplifier) and carry out measurements according to many different standards. This device measures the equivalent level of sound pressure or acceleration, and the third-octave spectrum. It generates bar-graphs spectrum with levels table. Since it uses low sampling frequency, the Sound and Vibration Analyzer works in real time (without loss of data). Each measurement can be saved in a file and reloaded offline. It is possible to create multiple graph types, easily importable into Word documents.

The "Sound & Vibration Report" is a measure report generator for noise and vibration measurement results.

As noise report generator, starting from the values of third octave pressure level for different positions of the microphone, the program rebuilds the pressure spectrum and, with some additional data, the pressure and power equivalent level.

The vibration report generator works in three-axial mode.

SOFTWARE KEY FEATURES & SPECIFICATIONS

- Third octave analysis
- Reference Standard: ISO 11201, IEC 60745-1, IEC 60745-2-xx, ISO 5349-1, EN 3744

HARDWARE SUPPORTED*

- Microphone :BRÜEL & KJÆR 4189
- Preamplifier: BRÜEL & KJÆR 2671
- Conditioning Amplifier: BRÜEL & KJÆR Nexus 2693

* For purchase separately.

For more information or to try a demo, call +39 02 92526472, or email Dario.Rivoltella@ul.com.