



The Spectral Limits Option extends the XL2 function range in both, the sound and vibration mode. It adds noise curves, trace capturing, relative curve display and comprehensive tolerance handling for the FFT Analysis and high resolution spectral analysis up to 1/12th octave. The vibration mode is enabled upon installing the 25-637 Vibration option.

Features:

FFT and 1/12 octave Analyzer

- Capturing of multiple readings into the internal memory
- Comparing measurement results against captures with relative or absolute curve display
- Comprehensive tolerance handling with tolerance masks based on captures for passed/failed measurements
- Export and import of tolerance and capture files
- Recording of linear wav-files 24 bit, 48 kHz, (requires optional 25-623 Extended Acoustic Pack option).

1/12 octave Spectral Analyzer

- High resolution RTA function 1/12 Oct + Tol
- Selectable 1/1, 1/3, 1/6 and 1/12 octave resolution
- Frequency band listening at rear speaker and headphone
- Sound Mode: 11.5 Hz to 21.8 kHz
- Vibration mode: 0.73 Hz to 1.36 kHz (Requires optional 25-637 Vibration Meter option)

FFT Analyzer

- High-resolution Zoom-FFT with selectable frequency ranges and resolution up to 0.4 Hz in the range of
- Sound mode: 5 Hz to 20 kHz
- Vibration mode: 1 Hz to 20 kHz (Requires optional 25-637 Vibration Meter option)

Sound Level Meter

True peak level in 1/1 and 1/3 octave resolution

Noise Curves

In accordance with ANSI S12.2-2008, -1995 and ISO 1996

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