

nor140

SOUND ANALYSER

Sound recording
Environmental noise
Building acoustics
Noise source identification
Industrial hygiene
Product development
Quality control
Noise mapping
Sound power
Speech intelligibility - STIPA
Vibration measurements



nor140

A precision hand held sound analyser designed for the most demanding users. With this analyser Norsonic set a new standard for sound level meters, covering the widest range of applications. The Nor140 is packed into the smallest real time analyser featuring sound recording present on the market today.

Features

- Sound recording onto exchangeable SD card
- Level vs. Time with multispectrum function from 50ms resolution
- Parallel detection of SPL, L_{eq} , L_{min} , L_{max} , L_E , L_{peak} and 8 statistical values
- Measurement of A-weighted levels simultaneously with either C- or Z-weighted levels
- Parallel F, S or I time constants
- Frequency analysis with 1/1 - or 1/3-octave bands in the 0.4 Hz - 20 kHz range.
- FFT analysis up to 9,6 kHz
- 120 dB dynamic range giving a "one-range" instrument covering all levels from microphone noise floor at 15 dBA to maximum SPL at 137 dBA (140dB peak)
- Pause/Continue function with 10 sec back erase function
- Manual or automatic storage of results with automatic measurement repeat and clock synchronization
- Building acoustics according to ISO10052, ISO140 and ISO717
- Noise generator
- Reverberation time calculations
- Advanced Trigger functions
- Complies to all relevant IEC and ANSI Class 1 specifications
- USB and RS232 interface
- High resolution backlit display
- ICP power for direct connection of vibration sensors
- RPM input
- Built-in random incidence correction and wind screen correction
- Small, Compact and Rugged - designed for field use with connectors covered by rubber protection



The modular design of the Nor140 enables functional expansion to take place when you need it. Some of the listed features are optional in some markets.



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