

# 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.



For full brochure and further details please contact:  
Norsonic AS, P.O.Box 24,  
N-3421 Lierskogen, Norway  
Telephone: +47 3285 8900  
Facsimile: +47 3285 2208  
info@norsonic.com www.norsonic.com