

Nor145 - Class 1 Sound Level Meter & Analyzer

Workhorse for building acoustics and noise monitoring



Applications

- Building Acoustics — ISO 16283 / 140 / 717 testing
- Environmental and Industrial Noise — IEC 61672 Class 1 monitoring
- Occupational Noise assessments and machinery surveys
- Facade, HVAC and transportation diagnostics

Key Benefits

- Compact handheld design; fast profile switching
- Simultaneous A/C/Z and Fast/Slow/Impulse time weightings
- Real-time 1/1 and 1/3-octave analysis; FFT and audio recording
- Wi-Fi and LAN for remote control; NorCloud / NorVirtual compatible
- Building Acoustics mode with auto R'w, T15/T20/T30, facade calc



Applications in Asia and Middle East

Trusted by consultants, universities and OEMs in Dubai, Riyadh, Bangkok, Singapore and Kuala Lumpur.

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Core Specifications

Frequency range	3.15 Hz - 20 kHz
Dynamic range / self-noise	approx. 17 dB(A) - 140 dB
Weightings	A, C, Z (simultaneous)
Time weightings	Fast, Slow, Impulse (simultaneous)
Filters	1/1 and 1/3 octave (IEC 61260)
FFT	High-resolution FFT; marker and event annotation
Audio recording	12 / 48 kHz, 8–24 bit; pre-trigger up to 120 s
Logging window	1 s up to 7 days; repeat mode
Built-in generator	Sine, pink/white, 1/1 and 1/3 octave bands
Interfaces	Wi-Fi, LAN, USB; optional 3G/4G modem
Memory / Export	On-board + USB; NorCloud integration
Battery life	approx. 8.0 h (typical)
Standards	IEC 61672 Class 1

Use Cases & Options

- On-site building diagnostics and commissioning (R'w, RT, STI)
- Unattended environmental surveys with alerts and markers
- STIPA, ultrasound/infrasound options, high SPL ranges
- Seamless integration with sound sources and BA kits