Sound Level Meter Model **R8080**



TECHNICAL DATA



Features

- High accuracy of ±1.4 dB meets Type 2 standards
- Triple range measurement (60dB dynamic range)
- A & C frequency weighting
- Fast & Slow time weighting
- Record up to 64,000 datapoints and keep track with internal time and date stamp
- User selectable sampling rate from 1 to 60 seconds
- Large, easy-to-read backlit LCD display
- Digital analog bargraph
- Min/Max hold and auto shut off
- Tripod mount for long-term monitoring
- Low battery indicator
- Includes windshield ball, USB cable, PC software, hard carrying case and batteries

Description
Sound Level Meter/Datalogger
Sound Calibrator
Windshield Ball
Lightweight Tripod
Soft Carrying Case
Deluxe Hard Carrying Case
Sound Level Meter & NIST



Specifications

Measuring Ranges:

Dynamic Range: Accuracy: Resolution: Analog: Response Time:

Frequency Range: Frequency Weighting: Time Weighting: Microphone: Digital Analog Bargraph: Display: Backlit Display: Min: Max: Alarm Indicators: Datalogging Capabilities: Real-Time Clock and Date Stamp: Internal Memory: Auto Shut-off: Tripod Mountable: Low Battery Indicator: Power Supply: Output: Battery Life: PC Connectivity: Product Certifications:

Operating Temperature: Storage Temperature: Operating Humidity: Dimensions:

30-130 dB Low: 30-90dB Med: 50 -110 dB High: 70 -130 dB Full: 30-130 dB 60 dB (in each range) ±1.4 dB Digital: 0.1 dB 2dB Digital: 500ms Analog: 50ms 20 Hz to 8 kHz A.C Fast/Slow (125ms and 1s) 0.5" (12.7mm) electret condenser Yes (30 segment) 4-digit LCD Yes Yes Yes Under and Over (visual on-screen) Yes Yes Selectable Sampling Rate: Yes (between 1s and 60s) 1mb (64,000 datapoints) Yes (after 30 mins/off) Yes Yes 4 x AAA batteries Yes (AC/DC) Approx 50 hours USB Software OS Compatibility: Windows XP / Vista / 7 / 8 / 10 CE, IEC 61672-1 Class 2, ANSI S1.4 Type 2 32 to 104°F (O to 40°C) 14 to 140°F (-10 to 60°C) 10-90%

> 10.4 x 2.5 x 1" (264 x 63 x 29mm)

8.8oz (245g)

Weight:

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