# Sound Level Meter

Model **R8050** 





#### Features

- High accuracy of ±1.4 dB meets Type 2 standards
- Dual range measurement (High and Low)
- A & C frequency weighting
- Fast & Slow time weighting
- Easy-to-read backlit LCD display
- Data hold and Max hold functions
- Tripod mount for long-term monitoring
- · Low battery indicator and auto shut off
- · Includes microphone windshield ball, battery and carrying case

#### R8050-KIT

Sound Level Meter & Calibrator Kit



Includes: R8050 Sound Level Meter, R8090 Sound Calibrator, and R8888 Hard Carrying Case with custom foam insert

### **Specifications**

Measuring Ranges:

**Dynamic Range:** Accuracy: **Resolution:** Response Time: Frequency Range: Frequency Weighting: Time Weighting: Microphone:

Display: Backlit Display: Data Hold: Max: Alarm Indicators: Auto Shut Off: Tripod Mountable: Low Battery Indicator: Power Supply: Battery Life: Product Certifications:

Storage Temperature: **Operating Humidity:** Dimensions:

### TECHNICAL DATA

30 to 130 dB Low: 30 to 100 dB High: 60 to 130 dB 70 dB (in each range) ±1.4 dB 0.1 dB 500mS 31.5 Hz to 8 kHz A. C Fast/Slow (125ms and 1s) 0.5" (12.7mm) electret condenser 4-digit LCD Yes Yes Yes Over (visual on-screen) Yes (after 15 mins) Yes Yes 9V Battery Approx 50 hours CE, IEC 61672-1 Class 2, ANSI S1.4-1983 Operating Temperature: 32 to 104°F (O to 40°C) 14 to 140°F (-10 to 60°C) 10 to 90% 8.3 x 2.2 x 1.3" (210 x 55 x 32mm) 8.1oz (230g)

Weight:

Description
Sound Level Meter
Sound Calibrator
Windshield Ball
Lightweight Tripod
Soft Carrying Case
Hard Carrying Case
Sound Level Meter & NIST
Sound Level Meter & Calibrator Kit
Sound Level Meter & Calibrator Kit & NIST

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