

SOUND LEVEL METER/ DATA LOGGER

TECHNICAL DATA

FEATURES

- Measures sound levels in accordance with IEC61672 Class 2 specifications
- A/C frequency weighting
- Fast/Slow time weighting
- Peak hold, Data hold and Max/Min record
- Easy to read LCD with backlight
- Real time data logger with integral 2GB SD memory card (OPTIONAL)
- Just plug the SD card into the computer and it downloads directly to EXCEL
- RS-232 and USB computer interface
- Easy to read LCD with backlight
- Auto or manual power off
- Includes batteries

SPECIFICATIONS

Measuring Range: 30 to 130dB

Resolution: 0.1dB

Accuracy: 31.5Hz ± 3.5 dB, 63 Hz ± 2.5 dB, 125 Hz ± 2.0 dB, 250 Hz ± 1.9 dB, 500 Hz ± 1.9 dB, 1 kHz ± 1.4 dB, 2 kHz ± 2.6 dB, 4 kHz ± 3.6 dB, 8 kHz ± 5.6 dB

Frequency Weighting: A: Human Ear Listening; C: FLAT Response

Time Weighting: Fast: 200ms; Slow: 500ms

Frequency Range: 31.5 to 8,000Hz

Auto Sampling Time: 1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600 seconds

Memory Card: SD memory card, 1 GB to 16 GB

Data Output: USB/RS232 PC computer interface

AC Output: 0.5 Vrms corresponding to each range step

Output Impedance: 600Ω

Power Supply: 6 x 1.5V UM3/AA batteries

Dimensions: Meter: 245 x 68 x 45mm; Microphone: 12.7mm dia.

Weight: 489g (1.08 lb)



ORDERING INFORMATION

SD-4023	Sound Level Meter/Data Logger
SD-4023-NIST	Sound Level Meter & NIST
SC-05	Sound Level Calibrator
SC-05-NIST	Sound Level Calibrator & NIST
SB-01	Wind Shield Ball
SD-2GB	2GB SD Memory Card
USB-01	USB Cable
SW-U801-WIN	Data Acquisition Software
CA-05A	Soft Carrying Case
BS-6	Tripod
AP-9VA-110V	AC Adapter