

USB DIGITAL SOUND LEVEL DATA LOGGER – DSM10 & DSM20

Ideal for monitoring environmental and industrial noise or measuring decibel levels during acoustic design, sound system setups and OSHA compliance testing.



DSM20



FEATURES:

- ◆ One button starts/stops data logging without a PC
- ◆ Plug-and-play USB 2.0 interface; no need for cables, cradles or docks
- ◆ Downloads logs in Excel format
- ◆ Dual color LED displays (DSM10)
- ◆ LCD display (DSM20)
- ◆ Real-time or Min/Max/Avg session sound level
- ◆ “A” or “C” frequency weighting
- ◆ Fast or slow time weighting
- ◆ Sophisticated PC software for analyzing and printing captured data logs

SPECIFICATIONS:

- ◆ Measurement Range: 30 to 130dB
- ◆ Measurement Accuracy / Resolution: $\pm 1.5\text{dB}$ / 0.1dB

- ◆ Maximum Storage Capacity: 32,000 data points
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C) @ 10 to 90% RH
- ◆ Dimensions: 7.09 x 1.10 x 1.06 in. (180 x 28 x 27 mm)
- ◆ Weight: 2.01 oz. (57g) without battery
- ◆ Power Source: “1/2AA” non-rechargeable 3.6VDC Lithium-ion battery (included)

INCLUDES:

- ◆ Data Logger
- ◆ Battery
- ◆ PC Interface/Data Logging Software with Installation/Operating Manual on Mini-disc
- ◆ Mounting Stand
- ◆ USB Extension Cable
- ◆ User's Manual
- ◆ 1-Year Limited Warranty

Sound Level Calibrator – SCAL-A

Sound level calibrator can be used in the absolute pressure calibration of sensor, sound level meter and other acoustics measuring meters. The unit is designed as a compressible sound pressure and good stability. With the battery to supply power, it's very convenient for use.

FEATURES & SPECIFICATIONS :

- ◆ Output sound level: 114dB and 94dB under 20upa
- ◆ Output frequency: 1000Hz $\pm 2\%$
- ◆ Reference conditions:
 - Temperature: 23°C
 - Relative Humidity: 50%
 - Atmosphere Pressure: 1013mbar
- ◆ Sound Level Accuracy: $\pm 0.5\text{dB}$
- ◆ Harmonic Distortion: $< 3\%$
- ◆ Power and low battery indicator
- ◆ 1/2 inch diameter microphone accommodated
- ◆ Dimension : 98×56×34 (mm)
- ◆ Material : ABS engineering plastic housing, safe and reliable.
- ◆ 1/2 inch diameter microphone accommodated
- ◆ Power supply: 9V block battery (6F22/ 6LR61)
- ◆ Working Condition:
 - Operating temperature: 0°C ~ 45°C
 - Working humidity: 5% ~ 95%RH non-condensing
 - Storage Condition: -20°C ~ +60°C, $\square 85\%$ (without battery)

