

SOUND LEVEL METER

TECHNICAL DATA

FEATURES

- Meets IEC 61672 Type I requirements and offers superior accuracy for critical measurements
- Triple range measurement, 40 dB steps with over/under range indication
- "A & C" frequency weighting
- "Fast/Slow" time weighting
- 1/2" electret condenser microphone
- Internal 94dB/1kHz calibration
- Large, easy-to-read LCD display
- Data Hold and Max Hold
- Low battery indication
- AC output signal for use with dataloggers
- 3.5mm dia. phone output terminal
- Hard carrying case and batteries included (wind-shield ball must be ordered separately)

SPECIFICATIONS

Measuring Range: 30 to 70 dB, 60 to 100 dB, 90 to 130 dB

Resolution: 0.1 dB

Frequency Range: 31.5 Hz to 16.0 kHz

Accuracy: 31.5Hz: ± 2.0 dB; 63Hz: ± 1.5 dB; 125Hz: ± 1.5 dB; 250Hz: ± 1.4 dB; 500Hz: ± 1.4 dB; 1kHz: ± 1.1 dB; 2kHz: ± 1.6 dB; 4kHz: ± 1.6 dB; 8kHz: $+2.1$ dB to -3.1 dB; 12.5kHz: $+3.0$ dB to -6.0 dB; 16kHz: $+3.5$ dB to -17.0 dB

Frequency Weighting: A: "Human Listening" response for environmental sound level measurement; C: "Flat" response for checking machinery noise and sound level pressure of equipment

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

Output Signal: 750mV AC rms

Display: 3-1/2 digit, 18mm (0.7") high LCD

Power Supply: 2 x 9V batteries

Dimensions: 260 x 87 x 36mm (10.2 x 3.4 x 1.4")

Weight: 450g (0.99 lb)



ORDERING INFORMATION

SL-4022 Sound Level Meter
SB-01 Windshield Ball
BS-6 Tripod
CERTISL1 NIST Calibration Certificate
SL-4022-NIST Sound Level Meter & NIST