

## 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 (windshield 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:  $\pm 2.0$ dB; 63Hz:  $\pm 1.5$ dB; 125Hz:  $\pm 1.5$ dB; 250Hz:  $\pm 1.4$ dB; 500Hz:  $\pm 1.4$ dB; 1kHz:  $\pm 1.1$ dB; 2kHz:  $\pm 1.6$ dB; 4kHz:  $\pm 1.6$ dB; 8kHz: +2.1dB to -3.1dB; 12.5kHz: +3.0dB to -6.0 dB; 16kHz: +3.5dB to -17.0dB

**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