

**SL1700
SL1701**

**Digital Sound Level Meter
Data logging Sound Level Meter w/RS232 interface**

SL1700

- Wide dynamic range
- A and C weighting
- 3 1/2 digit back lit LCD display with Analog bar graph
- Date and time displayed on LCD
- Auto/Manual ranging and Maximum hold
- AC and DC auxiliary outputs
- Selectable slow and fast response time
- Meets IEC651 Type 2 and ANSI S1.4 type 2 standards

SL1701

- Records 16,000 data point in internal memory
- Optically isolated RS232 interface with cable and software.
- Wide measurement range
- A and C weighting
- 3 1/2 digit back lit LCD display with Analog bargraph
- Date and time displayed on LCD
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SL1700 / SL1701

SPECIFICATIONS [both units]

■ **Sound level**

Measurement ranges:

Auto Range: 30dB to 130dB

Manual Range: 30dB to 130dB in (6) 50dB ranges

Dynamic range: 50dB

Accuracy: ±1.5dB

Resolution: 0.1dB

Frequency range: 30Hz to 8 KHz

Frequency weighting: A and C

Response time: 125mS (fast) and 1S (slow)

Microphone: 0.5" Electret condenser type

■ **Data logging Model SL1701**

Memory: 16,000 locations

■ **Output**

AC Signal:

Level: 0.707V RMS FS for each range

Impedance: 600Ω

DC signal:

Level: 10mV/dB

Impedance: 100Ω

■ **General Specifications**

LCD Display: 4 digit; Update rate: 2 times/sec

Analog bargraph:

1dB per bar; update rate: 20 times/sec

Power: (6) 1.5V AAA batteries

Size: 9.6"(L) x 3.1"(W) x 1.4"(D)

Weight: 1 lb

Accessories: Ear phone plug, Operating manual, (6) 1.5V AAA batteries, Windscreen, RS232 Cable and Software **SL1701**