

Sound Level Meters

A variety of sound level meters with such features as

Precision

Models that meet ANSI and IEC Type 2 standards.

Analog or Digital Display

Select the model that best meets your requirements.

Wide Measuring Ranges

To meet most noise measurement requirements.

Field Calibration

Optional calibrators available for verifying accuracy.



\$89
8926



Model 8926

Check sound levels quickly and economically!

- Built-in electric condenser microphone
- Measurements from 54 to 126 dB in 7 ranges
- Manual ranging
- Analog scale with needle indicator
- Selectable fast/slow response
- Selectable A/C weighting
- Easy calibration adjustment
- Max Hold button to lock peak values
- Low battery checker
- Analog output for connection to recorders, data loggers, etc
- Threaded insert for tripod mount

Switch Settings: 60dB (54-66 dB); 70 dB (64-76 dB)
80 dB (74-86 dB); 90dB (84-86 dB)
100 dB (94-106 dB); 110dB (105-116dB)
120 dB (114-126 dB)

\$308
SL-120



Model SL-120

Our basic sound level meter combining durability and simplicity.

- Analog display
- Easy one button operation
- Rugged construction
- Battery check with LED indicator
- Measures same frequency as the human ear
- "A" frequency weighting
- Pocket size portability
- Easy to use & easy to read
- Battery included

Optional Accessories:

Model CA-52A Soft Carrying Case **Price \$15**

Specifications

Model

Measuring Range

Resolution

Accuracy

Frequency

Time Weighting

Microphone

Output

Conforms to

Power Supply

Dimensions

Weight

Price

8926

54 to 126 dB (M)

-

±3 dB @94 dB

-

Fast/Slow

Electric Condenser

-

1 x 9V alkaline battery (120 hours typical battery life)

2.7 x 7 x 1.4" / 68 x 180 x 36 mm

-

\$89

SL-120

40 to 120 dB (A)

-

±2 dB

2 to 5 kHz

Slow

Capacitative

-

IEC 651 Type II, ANSI S1.4 Type 2

1 x 2.7V battery

5.7 x 1.97 x 1.18" / 145 x 50 x 30 mm

3.5 oz/100 g

\$308

Sound Level Meters

\$234
SL-4010



Model SL-4010

Rugged and ergonomically built to fit into the palm of your hand.

- Large, easy-to-read LCD display
- Triple range measurement
- "A" frequency weighting (same as the human ear)
- AC/DC output signal for use w/ dataloggers
- Electret condenser microphone for high accuracy & long-term stability
- Internal 94dB calibration
- Meets IEC 651 Type 2 requirements
- Data Hold & low battery indication
- 9V battery included

\$577
SL-4022



Model SL-4022

A digital sound level meter that can be used in conjunction with a datalogger.

- Large, easy-to-read LCD display
- Triple range measurement
- "A" & "C" frequency weighting
- AC output signal for use w/ dataloggers
- Electret condenser microphone for high accuracy & long-term stability
- Internal 94dB calibration
- Data Hold, Max Hold & low battery indication
- Hard carrying case & 2 x 9V batteries included

\$391
SC-941



Model SC-941

Sound Calibrator.

- Generates a stable acoustic signal at a controlled frequency and amplitude to verify the accuracy of your sound level meter in the field
- Generates a constant sound pressure level of 94 dB at a fixed frequency of 1,000 Hz

\$7
SB-01



Model SB-01

Wind Shield Ball.

- Wind shield ball for sound level microphones
- Available for all models with a 1/2" condenser microphone

\$21
CA-05A



Model CA-05A

Fabric Carrying Case.

- Protect & store your sound level meter & accessories
- Dimensions: 8 x 5.25 x 2.5" (250 x 130 x 65mm)

SL-4010	SL-4022
35 to 130 dB (A)	30 to 130 dB (A & C)
0.1 dB	0.1 dB
±1.5 dB	±1.5 dB
31.5 Hz to 8 kHz	31.5 Hz to 8 kHz
Fast	Fast/Slow (A & C)
1/2" electret condenser	1/2" electret condenser
-	AC output
IEC 651 Type 2	IEC 651 Type 1
1 x 9V battery	2 x 9V batteries
9.84 x 2.75 x 1.1"/250 x 70 x 28 mm	10.23 x 3.43 x 1.42"/260 x 87 x 36 mm
8.8 oz/250 g	16 oz/450 g
\$234	\$577

Sound Level Meters

Why is frequency weighting so important?

Frequency Weighting

The system whereby a sound level meter differentiates decibel levels from among three frequency groups - high, middle and low.

A Weighting

Weighting that attenuates lower frequencies to approximate the response of the human ear.

B Weighting

Gives combined decibel readings of high-frequency and mid-frequency noise levels. Use in conjunction with A weighting to isolate the sounds that are causing a problem.

C Weighting

Reads all frequencies the same but gives a better response to higher frequencies than do A or B weightings. Use to pinpoint problems when A or B weighted scale readings are very high.

\$495
K7010



Model K7010

A very versatile sound level measuring tool when used in conjunction with a datalogger.

- Large easy-to-read LCD display
- Triple range measurement
- "A + C" frequency weighting
- AC/DC output signal for use w/ dataloggers
- Electret condenser microphone for high accuracy & long-term stability
- Internal 94dB calibration
- Meets IEC 651 Type 1 requirements
- Max Hold & low battery indication
- 1 x 9V battery included

\$195
ST-805



Model ST-805

A high performance digital sound level meter in a compact unit.

- Large, easy-to-read LCD display
- Dual range measurement (hi/lo)
- "A + C" frequency weighting
- AC/DC output signal for use w/ dataloggers
- Electret condenser microphone for high accuracy & long-term stability
- Internal 94dB calibration
- Meets IEC 651 Type 2 requirements
- Data Hold, Max Hold & low battery indication
- Carrying case & 9V battery included

Specifications

Model

Measuring Range

Resolution

Accuracy

Frequency

Time Weighting

Microphone

Output

Conforms to

Power Supply

Dimensions

Weight

Price

K7010

30 to 130 dB (A & C)

0.1 dB

±1.5 dB

31.5 Hz to 8 kHz

Fast/Slow (A & C)

1/2" electret condenser

AC/DC output

IEC Type II, ANSI S1.4 Type 2

1 x 9V battery

9.65 x 3.15 x 1.4"/245 x 80 x 35 mm

10.6 oz/300 g

\$495

ST-805

Low: 35 to 100 dB; High 65 to 135 dB

-

±1.5 dB

31.5 Hz to 8 kHz

Fast/Slow (A & C)

1/2" electret condenser

AC/DC output

IEC 651 Type 2

1 x 9V battery

8.3 x 2.2 x 1.3"/210 x 55 x 32 mm

8.1 oz/230 g

\$195

Sound Level Meters

\$295
ST-8850



\$495
SL-4012



\$495
C-322

Datalogger



Model ST-8850

A high performance digital sound level meter.

- Large, easy-to-read LCD display
- Dual range measurement (hi/lo)
- "A + C" frequency weighting
- AC/DC output signal for use w/ dataloggers
- Electret condenser microphone for high accuracy & long-term stability
- Internal 94dB calibration
- Meets IEC 651 Type 2 requirements
- Data Hold, Max Hold & low battery indication
- Carrying case, windshield ball & 1 x 9V battery included

Model SL-4012

A general purpose sound level meter that offers a broad measurement range.

- Auto or manual ranging (3 ranges)
- RS232 computer interface
- Large easy-to-read LCD display
- "A + C" frequency weighting
- AC output signal for use w/ Dataloggers
- Electret condenser microphone for high accuracy & long-term stability
- Internal 94dB calibration
- Meets IEC 651 Type 2 requirements
- Data Hold, Max Hold, Min/Max function & low battery indication
- 1 x 9V battery included

Model C-322

- 32-80, 50-100, 80-130 dB level ranges
- Auto-ranging from 30 to 130 dB
- Dynamic range of 50 dB
- 0.1 dB resolution
- Frequency Range: 31.5 Hz to 8 kHz
- Accuracy of ± 1.5 dB (ref 94 dB @ 1 kHz)
- 32,000 record data logger
- 4-digit backlit display
- Clock and bar graph displays
- Auto power off
- AC and DC output
- Max/Min function
- IEC651 Type II
- Includes battery, manual, carrying case, calibration screwdriver, windscreen, RS232 cable, and Windows datalogging software

ST-8850

30 to 130 dB (A & C)
0.1 dB
 ± 2 dB
31.5 Hz to 8 kHz
Fast/Slow (A & C)
1/2" electret condenser
AC/DC output
IEC 651 Type 2
1 x 9V battery
9.9 x 2.5 x 1.6"/251 x 64 x 40 mm
8.8 oz/250 g
\$295

SL-4012

30 to 130 dB (A & C)
0.1 dB
 ± 1.5 dB
31.5 Hz to 8 kHz
Fast/Slow (A & C)
1/2" electret condenser
AC output
IEC 651 Type 2
1 x 9V battery
10.55 x 2.7 x 1.1"/268 x 68 x 29 mm
10 oz/285 g
\$495

C-322

32 to 130 dB (auto-ranging)
0.1 dB
 ± 1.5 dB (ref 94 dB @1 kHz)
31.5 Hz to 8 kHz
-
AC/DC output
IEC 651 Type 2
-
-
-
\$495