SOUND LEVEL SL2100

New *Artisan™* Portable Sound Level Meter

This portable *Artisan™* sound level meter allows you to monitor locations within the guidelines prescribed by OSHA and ANSI. Set the meter up to monitor fast or slow, A or C Weighted scales, then point and measure. The meter will automatically adjust the display range to the current noise level. The meter features a large combination digital and graph display with a backlight feature for readability in dark areas.

Plug the meter into a PC with the optional software to capture all of the important data points. Use the RECORD and HOLD features to capture and review readings. The A & C weighting scales allow you to track the source of the noice – is it from low frequency or high frequency sources? The background noise absorber allow you to monitor extraordinary noises that stand out from ambient levels. Low battery indicator. ABS storage case and battery included. One year warranty.

Meets IEC and ANSI Standards!

Artisan™ SL2100 Digital Sound Level Meter with RS-232 output.

SPECIFICATIONS

Measurement Range:	(6 ranges - 50 dB ranges)
A weighting:	30 to 130 dB
C weighting:	35 to 130 dB
Resolution:	0.1 dB
Accuracy:	±1.5 dB (ref. conditions)
Frequency Range:	31.5 Hz to 8 kHz
Response Time:	Fast (125 msec) or Slow (1 sec.)
Update:	every 500 ms
Analog Output:	10 mV/dB(dc); 0.707 vrms(@FS)(ac)
Serial Output:	RS-232; 2400 baud, 1 stop/8 data bits N:XXX,XdB
Operating Temp.:	0 to 50ºC (32 to 122ºF)
Operating Humidity:	10 to 90%RH, non- condensing
Storage Temp.:	-20 to 60ºC (-4 to 140ºF)
Microphone:	10 mm dia. electric condenser
Auto shutoff:	after 20 min of non-operation (disable features available)
Power:	9 Volt battery (approx 20 hours) Vac wall mt power supply optional
Dimensions:	290 x 80 x 38 mm (meter only)
(L x W x D)	(11.4 x 3.1 x 1.5 in.)
(case dim.)	360 x 224 x 72 mm (14.2 x 8.8 x 2.8 in.)
Weight (meter):	340 g (12 oz)
Shipping Wt:	1.4 kg (3 lb)

SPECIAL FEATURES

Digital display with analog graph
Meets IEC 651; ANSI S1.4 type 2 standard
Background noise absorber
MAX / MIN / RECORD functions
Auto / Manual ranging
A & C Weighting scales
FAST / SLOW response
Serial & Analog output

APPLICATIONS

OSHA Guidelines
Traffic Noise
Alarm Systems
Office Noises
Workplace Machinery

SL2100 Ordering Information

Part No.	Description
SL2100.001	SL2100 Meter with case & battery.
HH1000.950	Windows® software with PC cable.

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