



"Your Direct Source for Condition Monitoring, Test & Measurement"

www.reliabilitydirectstore.com

2911 South Shore Blvd, Suite 170, League City, TX USA 77573 Phone: 281-957-5283 Fax: 281-334-4255

Integrating Sound Level Meter

Leq and SEL measurements with built-in datalogger and PC interface

Features:

- 4 Digit multifunction LCD with analog bargraph
- Precise linearity over wide range (100dB)
- Display modes: SPL, SEL, MAX-L/MIN-L, and Leq
- Programmable integrating time
- A and C Frequency weighting
- Impulse/Fast/Slow response settings
- Datalogging function records up to 32,000 records
- Real time calendar/dock
- Built-in RS-232 interface with included Windows® datalogging software
- Tripod mount
- Meets IEC 651/804 Type 2 and ANSI S1.4 Type 2 specifications
- Complete with wind shield, adjustment screwdriver, RS-232 cable, 9 to 25 pin gender changer, Windows™ software, battery, and case

Applications:

- Perform Leq and SEL measurements
- OSHA compliance Testing
- Noise Ordinance
- Machine Noise Evaluation
- Data Storage for pertinent records

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Speed of Sound:	
Acceptable Standards:	IEC 651, ANSI S1.4 Type 2, ANSI S1.4 Type 1
Accuracy:	±1.5dB (ref 94dB 10Hz)
Resolution:	0.5dB
Display Display:	4 digit LCD
Measurement Elements:	SPL, Leq, SEL, Max, Min
Measurement Range:	20dB to 130dB
Linearity Range:	100dB
Measurement Frequency Range:	20 Hz to 20kHz
Pressure Weighting:	A and C
Response:	Impulse, Fast and Slow
Microphone:	1/2" Electret condenser microphone
Sampling Rate:	4096 samples/sec
Envelope:	400 ms, 100ms, 100ms update
Display Warning Function:	
Overrange Indicator:	Displayed at the upper limit
Underrange Indicator:	Displayed at the lower limit
Analogue Output:	20Vrms at 500mV, 100mV, 50mV
Power Supply:	Four 1.5V AA batteries, optional AC adaptor
Battery Life:	Approximate 200 hours
Dimensions:	10.4x2.8x0.6" (265x72x15mm)
Weight:	10.9oz (310g)



Ordering Information:

- 407780 Sound Level Meter
- 407760 04/114 dB Calibrator for 0.5" or 1" microphones
- 40705X Insulated recorder cable 3' for AC/DC Output
- 407764-EXT 6' Microphone Extension Cable
- 144117 117 VAC Adaptor
- 156230 220 VAC adaptor

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