

# 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/clock
- 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

## Specifications :

Applicable Standards:	IEC 651 And 804 Type 2, ANSI S1.4 Type 2
Accuracy:	±1.5dB (ref 94dB@1KHz)
Resolution:	0.1dB
Digital Display:	4 digital LCD
Measurement Parameters:	SPL, Leq, SEL, MaxL, MinL
Measurement Range:	30dB to 130dB
Linearity Range:	100dB
Measurement Frequency Range:	31.5Hz to 8KHz
Frequency Weighting:	A and C
Response:	Impulse, Fast and Slow
Microphone:	1/2 " Electret condenser microphone
Sampling time:	updated every 0.5s
Bargraph:	4dB steps, 100dB range, 100ms update
Display Warning Function	
Overrange Indicator	Displayed at the upper limit
Underrange Indicator	Displayed at the lower limit
Analog AC/DC Output:	2Vrms (at full scale), 10mVDC/dB
Power Supply:	Four 1.5V AA batteries, Optional AC adapter
Battery Life:	Approximately 20 hours
Dimensions:	10.4x2.8x0.8" (265x72x21mm)
Weight:	10.9oz (310g)



## Ordering Information:

407780 .....Sound Level Meter  
 407769 .....94/114 dB Calibrator for 0.5" or 1" microphones  
 40705X .....Insulated recorder cable 3' for AC/DC Outputs  
 407764-EXT ....6' Microphone Extension Cable  
 155117-1 .....117 VAC Adaptor  
 156230 .....220 VAC adaptor