

Digital Sound Level Meter

Precision over wide ranges

Features:

- High accuracy to ± 1.5 dB
- Read both A and C frequency weightings meets IEC 651 Type 2 standards
- 3 measuring ranges for greater accuracy
 - Low (30 to 80dB)
 - Medium (50 to 100dB)
 - High (80 to 130dB)
- Large 0.7" 3-1/2 digit LCD, 0.1dB resolution
- Max Hold function stores highest reading
- Fast (200ms) or slow (500ms) response time
- Utilizes 0.52" (13.2)mm condenser microphone
- AC and DC (10mV/dB) outputs are standard through a phone output terminal for connection to an analyzer or recorder plus tripod mount
- Complete with 9V battery and carrying case



Optional 94dB precision microphone calibrator enables user to calibrate through the microphone



Specifications

Input Signal Range:	A Weighting - 30 to 130dB (Freq 500 to 10kHz) C Weighting - 30 to 130dB (Freq 30 to 10kHz)
Resolution:	0.1 dB
Accuracy (23° $\pm 5^{\circ}$ C):	1.6% at 94dB (1kHz ± 1.5 dB after calibration); Meets IEC651 Type 2
Range selector:	30 to 80dB, 50 to 100dB, 80 to 130dB: 50dB on each step with over/under range indication
Response:	Fast $t=200$ ms, Slow $t=500$ ms
Dimensions:	10 x 2.8 x 1.1" (254 x 71 x 28mm)
Weight:	10oz (284g)

Ordering Information:

407740Digital Sound Level Meter
407740-NISTDigital Sound Level Meter w/NIST Certificate
407744Precision Calibrator, 94dB for 407740
407744-NIST..Precision Calibrator, 94dB for 407740 w/NIST Certificate