

Digital Sound Level Meters

Ideal for product noise reduction

Model 407730

- Record Min/Max values over time
- Auto power off and Max Hold functions
- Analog Bar Graph with 50 dB Range
- Tripod mountable (optional tripod TR100)

Model 407732 with Backlit Display

- Meets IEC 651 Type 2 and ANSI S1.4 Type 2 standards

SPECIFICATIONS		
Model	407730	407732
Range	40 to 130 dB	Low: 35 to 100 dB; High: 65 to 130 dB
Resolution	0.1 dB	0.1 dB
Accuracy	±2 dB	±1.5 dB
Display	2000-count LCD	2000-count LCD
Weighting	A and C	A and C
Response time	Fast/slow	Fast/slow
Output	AC analog	—
Dimensions (L x W x H)	9" x 2¼" x 1¾" (229 x 56 x 43 mm)	8½" x 2½" x 1¼" (208 x 53 x 32 mm)
Power	One 9 V battery	

What's included: Microphone windscreen and battery.
 Kit includes: 407732 sound meter, microphone wind screen, calibration screw driver, 9 V battery, plus 407744 sound calibrator with two 9 V batteries and screwdriver supplied in a hard carrying case.

Catalog No.	Model No.	Description
TS-40435-32	407730	Digital sound level meter, Type 1
TS-50519-82	407732	Dual-range digital sound level meter, Type 2
TS-50520-74	407732KIT	Type 2 sound level meter kit
TS-50519-78	407732KN	Type 2 sound level meter kit with NIST-traceable calibration
Accessories		
TS-50519-86	407744	Sound level calibrator, 94 dB
TS-90425-32	TR100	Tripod
TS-09386-04	—	Replacement batteries, 9 V. 4/pk
TS-17111-53	—	NIST-traceable calibration for Type 2 meter



Sound Level Calibrators

94 dB or combination 94 dB/114 dB, 1 kHz professional calibrator for 0.5" or 1.0" microphones

- Calibrates and verifies sound level meter operation
- Durable die-cast, aluminum housing
- 1 kHz sine wave at 94 dB/114 dB is generated to an accuracy of ±5% (frequency) and ±0.5 dB (94 dB) and ±0.8 dB (114 dB)
- 3 position switch (OFF/94 dB/114 dB)
- Total Harmonic Distortion (THD) < 2% at 94 dB

Model 407744

- Battery test position with battery status LED indicates if battery is good

Model 407766

- LED indicator lights up when power is on
- Level position to select 94 dB or 114 dB



SPECIFICATIONS		
Parameters	Range	Accuracy
Frequency	1000 Hz	±5%
Sound pressure level	94 dB (407744); 94 dB/114 dB (407766)	±0.5 dB (94 dB); ±0.8 dB (114 dB)
Distortion	<2% Total Harmonic Distortion (THD)	
Operating temp.	32 to 122°F (0 to 50°C)	
Dimensions (L x dia)	5½" x 2¾" (127 x 50 mm)	
Power	Two 9 V batteries	
Power consumption	Approx. 10 mA DC	

What's included: Screwdriver, carrying case, and two 9 V batteries.

Catalog No.	Model No.	Description
TS-50519-86	407744	Sound level calibrator, 94 dB
TS-01628-60	407766	Sound level calibrator, 94 dB/114 dB
Accessories		
TS-09386-04	—	Replacement batteries, 9 V. 4/pk
TS-17111-54	—	NIST-traceable calibration with data