

Unrivaled Selection

No one offers a better selection of sound level meters than Extech. With models for every application, capabilities include Type 2 compliance, calibration traceable to N.I.S.T., PC connectivity, datalogging, octave band analyzer, ultra compact and wall-mounted designs, and personal dosimeters (See pages 120-125).

ACCESSORIES		
TR100	Tripod (for meters with Tripod mount feature)	\$29.99
40705X	AC/DC Recorder Output Cable	\$20.99
407744 N	94dB Sound Calibrator (0.5", 1" microphones)	\$329.99
407766 N	94/114dB Sound Calibrator (0.5", 1" microphones)	\$419.99



407730 Digital Sound Level Meter

Analog bargraph with 30dB range updates every 40ms

- ±2dB accuracy with 0.1dB resolution
- Analog AC output for connection to chart recorders and dataloggers
- Record MAX/MIN values over time
- Auto power off and MAX Hold functions
- Utilizes 0.5" (12.7mm) condenser microphone
- Tripod mount for field use (optional TR100 Tripod — sold separately)
- Complete with microphone wind screen and four AAA batteries



407732 Type 2 Sound Meter

Two range meter with backlit LCD display

- High accuracy meets Type 2 standards (ANSI S1.4-1983, IEC 60651, EN 60651)
- High & Low measuring ranges
- Data Hold and MAX Hold functions
- Backlit display to view in dimly lit area
- Complete with microphone wind screen and 9V battery
- Optional 407732-NISTL includes Certificate of Calibration Traceable to NIST at single point calibration to 94dB



407732-KIT Type 2 Sound Meter Kit

Digital sound level meter with 94dB sound calibrator and carrying case

KIT includes:

- Model 407732 with high accuracy meets ANSI, and IEC Type 2 standards (see product features on the left)
- Model 407722 Calibrator calibrates and verifies sound level meter operation
- Durable double molded housing
- Total Harmonic Distortion (THD) <2% at 94dB
- Complete with 407732 Sound Meter, 407722 Sound Calibrator, and protective hard carrying case (Optional NIST traceable certificate available for kit: 407732-KIT-NIST includes 407732-NISTL and 407722-NIST) - see p. 160 for ordering info



407736 Type 2 Sound Meter with Calibration Check

Two range meter with analog outputs

- High accuracy meets Type 2 standards (ANSI S1.4-1983, IEC 60651, EN 60651)
- High and Low measuring ranges
- MAX Hold with reset button
- Built-in calibration check (94dB)
- Analog AC/DC outputs for connection to an analyzer or recorder
- Tripod mount for field use (optional TR100 Tripod — sold separately)
- Complete with microphone wind screen, 9V battery, and carrying case



Sound Level Calibrators

- Calibrate and verify Sound Meter operation
- 1kHz sine wave at 94dB/114dB (407766) or 94dB (407744) is generated to an accuracy of ±5% (frequency) and ±0.5dB (94dB); ±0.8dB (114dB)
- For use with both 0.5" to 1.0" microphones
- For use with all Extech Sound Level Meters
- Includes screwdriver, batteries, and case



SPECIFICATIONS	407730 N	407732 N	407732-KIT N	407736 N
Range	40 to 130dB	Low: 35 to 100dB, High: 65 to 130dB	Low: 35 to 100dB, High: 65 to 130dB	Low: 35 to 90dB; High: 75 to 130dB
Basic Accuracy	±2dB	±1.5dB (Type 2)	±1.5dB (Type 2)	±1.5dB (Type 2)
Weighting (A&C)	Yes	Yes	Yes	Yes
Response Time (Fast/Slow)	Yes	Yes	Yes	Yes
Condenser Microphone	0.5" (12.7mm)	0.5" (12.7mm)	0.5" (12.7mm)	0.5" (12.7mm)
Analog Output	AC	—	—	AC/DC
CE approved	Yes	Yes	Yes	Yes
Dimensions	9x2.2x1.7" (230x57x44mm)	8.2x2.1x1.25" (210x55x32mm)	Meter: 8.2x2.1x1.25" (210x55x32mm)	9.5x2.7x1" (241x69x25mm)
Weight	5.6oz (160g)	8.1oz (230g)	Meter: 8.1oz (230g)	7.6oz (215g)
Warranty	1 year	1 year	1 year	1 year