



AutoTest®

Digital Sound Level Meter



The AutoTest Digital Sound Level Meter is a precise and reliable tool designed to measure and monitor noise levels across various industrial and domestic applications. Whether used for regulatory compliance, workplace safety, or environmental assessments, this device ensures that sound levels remain within the required limits.

Ideal for roadworthy inspections, the meter is commonly used by Approved Inspection Stations (AIS) to assess automotive exhaust volume. It also plays a crucial role in workplace safety, helping factories and construction sites monitor noise exposure and implement hearing protection measures. Additionally, it supports environmental noise assessments, including freeway sound barrier planning and ensuring concerts or public events comply with local noise regulations. With adjustable sensitivity, it adapts to different ambient conditions for accurate readings in any setting.

Operation Directions

1. Turn on power.
2. Select desired response and weighting, also select desired range.
3. For general Audible noise, please select dBA.
4. If the sound source consists of short bursts, set response to FAST. To measure average sound level, use the SLOW setting.
5. When MAX mode is chosen, the instrument will capture and hold the Peak noise level.

Standard Feature

- The unit complies with IEC651 TYPE 2 & Ansi S1.4 TYPE 2 for sound level meters
- Measurement range: 30 - 130 decibel
- With two equivalent weighted sound pressure levels, A and C
- Fast and slow modes
- AC output for frequency and analyser level recorder, FFT analyser, graphic recorder etc

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Note: Outer appearance and specifications are subject to change without prior notice



Want More Info On Digital Sound Level Meter?

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Technical Specifications

Accuracy

±1.5dB

Frequency Range

31.5Hz to 16kHz

Measuring Level

30 -130dBC

Frequency Weighting

A, C

Accuracy

±1.5dB

Digital Display

5 digits

Resolution

0.1dB

Bar Graph

50dB scale at 1dB step for monitoring current sound pressure level

Display Period

50mS

Level Ranges

30 - 80dB; 50 - 100dB

60 - 110dB; 80 - 130dB

Overrange indicator; underrange indicator

AC Output

1.707 Vrms at FS output impedance approx 600Ω

DC Output

100mV/ dB output impedance approx 1000Ω

Time Weighting

Fast/ Slow

Microphone

½inch Electret Condenser Microphone

Max

Peak Hold

Power Supply

1*9V alkaline cells or DC 9V adapter

Power Life

About 30hrs (alkaline cells)

Operating Temperature

0° C - 40°C

10% to 80% RH

Storage Temperature

0° C to 60°C

Calibration Interval

12 months

Starting A Workshop?

Get the Workshop Roadworthy Kit!

- AutoStop Maxi Brake Tester
- AutoLight Window Tint Tester
- HeadlightAlign

