

AutoTest Digital Sound Level Meter

NOISE MEASUREMENT MADE EASY



AutoTest Digital Sound Level Meter is used to measure and monitor noise levels to ensure that volume levels are within tolerances or an expected range in any industrial or domestic application.

Features

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

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.



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Technical Specifications

Accuracy	±1.5dB
Frequency Range	31.5Hz to 16kHz
Measuring Level	30 -130dBC
Frequency Weighting	A, C
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	-10°C to 60°C

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

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DISTRIBUTOR