

INTRODUCTION

Sound level meter is used for acoustic (sound that travels through air) measurements. It is commonly a hand-held instrument with a microphone. ACS56 combines precision with stability and reliability. The diaphragm of the microphone responds to changes in air pressure caused by sound waves.

Sound level meters are commonly used in noise pollution studies for the quantification of different kinds of noise, especially for industrial, environmental, mining and aircraft noise.



FEATURES

- FAST/SLOW time weighting selection
- Automatic Backlight Display
- 4700 data record facility
- Connect with PC through USB , provides data record, downloading and printing.
- Manual/Auto Power Shut Off
- Data Hold Function
- Low Battery Indication

TECHNICAL SPECIFICATIONS

Measuring Range:	30~130 dBA, 35~130 dBC
Resolution / Display:	0.1 dB / 4 Digits
Accuracy:	±1.5 dB
Frequency Response:	31.5 Hz to 8.5 kHz
Sampling Rate:	FAST: 8 times/second, SLOW: 2 times/second
Dynamic Range:	50 dB/100dB
Microphone:	½ Inch Polarization Capacitance Microphone
Power Supply	6V (4 PCS,1.5V Alkaline battery)
Dimension:	Main Unit: 70 * 35 * 256mm / 5.5 * 2.7 * 1.2in
Weight:	244 g