



SOUND LEVEL METER

CLASS 1 SOUND LEVEL METER WITH RECORDING FUNCTION

Product Description

The new BSWA 308/309 are new generation octave sound level meter upgrade from base BSWA 308/309 to meet the market demand. It fulfill the 1/1 octave and 1/3 octave requirement of IEC standard and China GB/T standard.

The BSWA 308/309 is a digital sound level meter which design and manufacture by BSWA. The use of high precision 24 Bits AD converter makes the instruments to be an ideal choice for performing many kinds of measurement, for example, environmental noise, vehicle noise and industrial application.

Product Applications

- Basic Noise measurement
- Environmental noise assessment
- Product quality check
- Exhaust noise checking
- Evaluation of noise reduction engineering



TSM

Performance¹

TYPE	BSWA 308	BSWA 309
ACCURACY	CLASS 1 (GROUP X)	CLASS 2 (GROUP X)
STANDARD	GB/T 3785.1-2010, IEC 60651:1979, IEC 60804:2000, IEC 61672-1:2013, ANSI S1.4-1983, ANSI S1.43-1997	GB/T 3785.1-2010, IEC 60651:1979, IEC 60804:2000, IEC 61672-1:2013, ANSI S1.4-1983, ANSI S1.43-1997
MICROPHONE SENSITIVITY AND FREQUENCY RANGE	Sensitivity: 40mV/Pa. Frequency Range: 3Hz~20kHz.	Sensitivity: 40mV/Pa. Frequency Range: 20Hz~12.5kHz.
SELF NOISE	Sound: 19dB(A), 25dB(C), 31dB(Z) Electrical: 13dB(A), 17dB(C), 24dB(Z)	Sound: 20dB(A), 26dB(C), 31dB(Z) Electrical: 14dB(A), 19dB(C), 24dB(Z)
UPPER LIMIT	136dB(A)	136dB(A)
FREQUENCY RESPONSE	10Hz~20kHz	20Hz~12.5kHz
LEVEL LINEARITY RANGE	22dB(A)~136dB(A) Octave: 30dB~136dB	25dB(A)~136dB(A) Octave: 33dB~136dB
DYNAMIC RANGE	123dB (13dB(A)~136dB(A))	122dB (14dB(A)~136dB(A))
PEAK C RANGE	47dB~139dB	50dB~139dB
RESOLUTION	24Bits	24Bits
SAMPLING RATE	48kHz	48kHz
MASS STORAGE	4G MicroSD card (TF card)	4G MicroSD card (TF card)
TEMPERATURE RANGE	-10°C~50°C. 20%~90%RH	-10°C~50°C. 20%~90%RH
SIZE	W70 x H300 x D36	W70 x H300 x D36

