

Sound Calibrator (Class 1)

SC-2500

- Cost-effective with Class 1 accuracy
- A sound pressure of 114 dB
(Hard to be affected by the environmental noise in the outdoor field work)
- Compact and light weight design
(AA battery x 2)



In recent years, standards and laws require the calibration of a sound level meter by a calibrator. The SC-2500 is a sound calibrator conforms to JIS C 1515:2004 Class 1 (Electroacoustics-Sound calibrators). Since the SC-2500 uses the sound pressure feedback control method to control fluctuations in sound pressure caused by static pressure, it can generate a stable sound pressure even if the operating environment changes. Useful for inspection and maintenance of sound level meters.

◆ Used for unit calibration of microphone, recording device and analyzer

Useful for sound calibration on site!



Calibration of DR-7100 and measurement microphone.

Calibration of FFT Analyzer

For reliable measurement in various applications!



DS-3000 series



CF-9200/9400 series

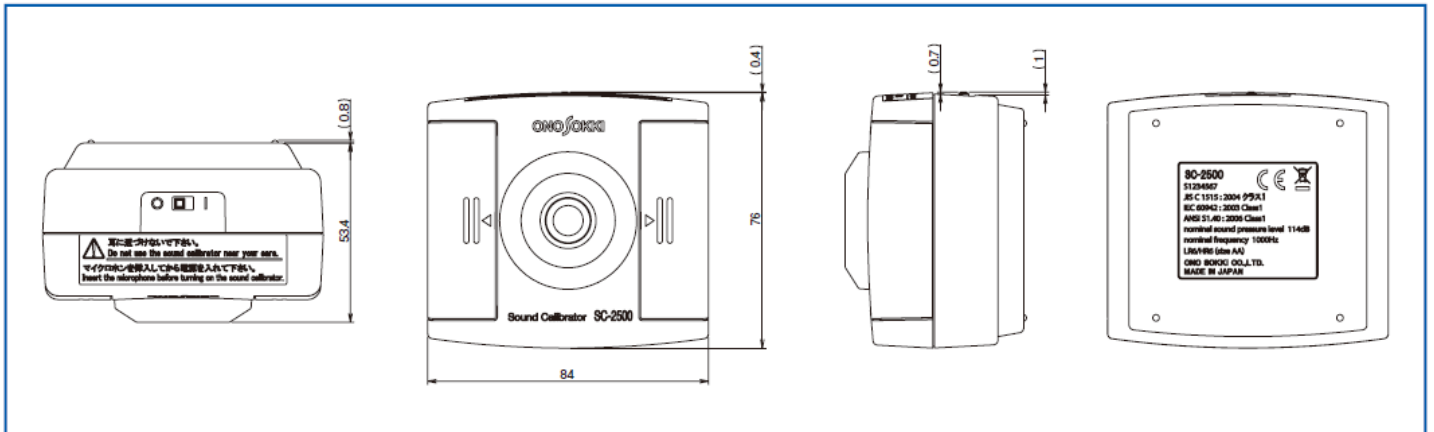
◆ Used for calibration before and after the use of sound level meter

*The calibration value differs according to the model of microphones or sound level meters. Please refer to an instruction manual for each calibration value.



◆ Outer Dimensions

(Unit: mm)



◆ Specification

Applicable standard	JIS C 1515 : 2004 class 1	
	IEC 60942 : 2003 Class 1	
	ANSI S1.40-2006 (R2011)	
Microphone	1/2-inch microphone MI-1211/1233/1234/1235/1431/1432/1433	
	1/4-inch microphone MI-1531 (requires 1/4-inch adapter SC-0313) ■ SC-0313: standard accessory of MI-3140	
Sound pressure level	Nominal sound pressure level 114 dB (Deviation of sound pressure level: ± 0.25 dB or less*)	
Frequency	Nominal frequency 1000 Hz (Frequency deviation: ± 0.5 % or less*)	
Power requirement	Type	AA alkaline battery cell (LR6) x 2 or Nickel hydride battery cell x 2
	Power consumption	4 hours or more of continuous use (when LR6 used)
Operating environment	Ambient temperature	-10 to 50 °C
	Static pressure	65 to 108 kPa
	Relative humidity	25 to 90 % (with no condensation) *Excluding the combination of ambient temperature and humidity which dew point exceeds more than 39 degrees
Accessory	Instruction manual, AA alkaline battery cell (LR6) x 2	
Weight	Approx. 200 g (excluding battery cells)	

*Under the reference environment condition
(ambient temperature: 23°C, static pressure : 101.325 kPa, relative humidity : 50 %)

◆ Options



◆ Other calibrators



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