

Sound Calibrator

TYPE **2127**



Compact, lightweight and easy to use
You can use it easily in the calibration of
precision sound level meter, all due to built-in
microphone with temperature compensation.

Excellent performance and reliability at this price.....



Sound Calibrator TYPE 2127

OUTLINE »

TYPE2127 is Sound Calibrator based on advanced feedback control technology, developed under the concept “offering compact, lightweight and easy-to-use calibrator at a reasonable price”, as well as provided with many non-conventional features.

The Sound Calibrator TYPE 2127, complying with JIS C1515: 2004 Class1 and IEC 60942:2003 Class1, employs stable condenser microphone as a control sensor. Also it has an advantage of very low risk of error due to temperature change or to indirect insertion of microphone, thanks to built-in microphone with temperature compensation that strictly monitors emitted pressure in real time. There is no other calibrator with such accuracy, stability and compact size. It exhibits excellent performance in the calibration of precision sound level meter, as well as 1-inch and 1/2-inch microphone by using the accessory adapter. You don't have to worry about the possibility of misdirected calibration under the false sound pressure since it alerts you to the battery shut-off both by blinking LED and the termination of Sound emission. Nominal frequency and sound pressure level of generated sound are 1000Hz and 94dB, respectively.

It can now be the standard brand with many new technologies that is indispensable at the site of acoustics..

FEATURES »

Sound level control :Advanced feed back control by using exclusive sensor with temperature compensation.

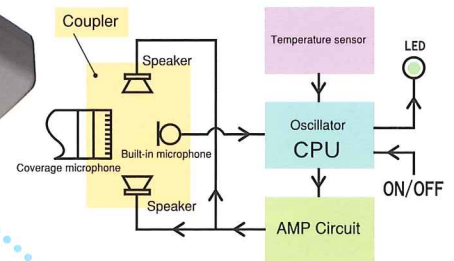
Pursuant Standards:JIS C1515:2004 Class1、
IEC 60942:2003 Class1

Coverage:It meets 1-inch and 1/2-inch microphones using the accessory adapter, as well as sound level meter.

Sound level •Frequency:The most common nominal sound pressure level and frequency ;94dB •1000Hz

Battery Shutoff Alert:It alerts you to the battery shut-off both by blinking LED and the termination of Sound emission, which safely avoids misuse.

〈Principle of temperature compensation〉



Please take off 1/2 -inch adaptor for calibrating 1-inch microphone.

For the right measurement, get the sound level meter almost upright, as shown in the figure. Insert the microphone of the sound level meter into the coupler of Sound Calibrator TYPE 2127, softly. Then set the measurement range of a sound level meter so as to cover 94dB-SPL, which is all done. And calibration starts only by turning on power.

Specification	
Pursuant Standards	IEC 60942:2003 Class1 JIS C1515:2004 Class1
Coverage microphone	1/2-inch microphone 1-inch microphone
Nominal Sound pressure level	94dB
Sound pressure level Tolerance	±0.3dB
Nominal Frequency	1000Hz
Frequency Tolerance	±0.1%
Battery Type	Tow Alkaline dry batteries (LR6)
Size(mm) •Weight	Approx.110(W)×75.5(H)×46(D)150g
Accessories	1/2-inch microphone Adapter 1 Alkaline dry batteries (LR6) 2 Case 1 Instruction manual 1
Price	75,000 YEN

Example of use:TYPE 6226

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