

Acoustic Calibrator™

Acoustic Calibrator

The AutoTest Acoustic Calibrator is used for the calibration of sound level meters, generating a signal with a sound pressure level of 104dB at 250Hz.

The Acoustic Calibrator is a battery-operated instrument and easy to use in the field.

The Acoustic Calibrator is suitable for use with a ½ inch microphone.



AUTO TEST
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Specifications

Applicable standards	IEC 60942: 2003 Class 2
Method	Dynamic speaker
Applicable microphone	½ inch microphone
Generated sound pressure level	104dB ± 0.5
Distortion rate	0.5% or less
Generated frequency	250Hz ± 1%
Output stabilizing time	15 seconds or less after a microphone is inserted
Operating temperature range	-10 to +50°C
Storage temperature range	-20 to +60°C (not including batteries)
Operating humidity range	25 to 90% RH (with no condensation)
Storage humidity range	10 to 90% RH (with no condensation)
Power	9V battery PP3 x 1
Battery life	Approximately 20 hours or more of continuous operation (when using PP3 type dry cell batteries at 25°C)
Outer dimensions	60(H) x 10(D) mm
Weight	Approximately 200g

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