

**Acoustic calibrator**  
**Brand: PCE Ibérica S.L.**

**Code: PCE-SC 09**



The Acoustic calibrator for mobile use / For different weighting filters / Accuracy IEC 942, class 1 / For microphones with different dimensions, Equipment that performs the calibration and ensures the proper functioning of a sound level meter. The Acoustic Calibrator is a battery powered sound source. With this acoustic calibrator, you can quickly and directly calibrate a sound level meter and other systems. Acoustic Calibrator Adapters allow you to connect and control 1.5-inch and ¼-inch microphones. The calibration frequency used by this acoustic calibrator is 1000 Hz. This is the reference frequency for international standard weighting curves. Thanks to this you can use this acoustic calibrator to calibrate sound level meters with A, B, C or D weighting filters. The calibration pressure of the acoustic calibrator is  $94 \pm 0.3$  dB (1 Pa) and  $114 \pm 0.3$  dB (10 Pa). Thanks to this, you can use the acoustic calibrator, for example, in quality control to check and even calibrate a sound level meter.

**Features:**

Sound pressure level: 94 and 114 dB

Weighting filters A, B, C, D

Immediate use

Accuracy class 1, IEC 942

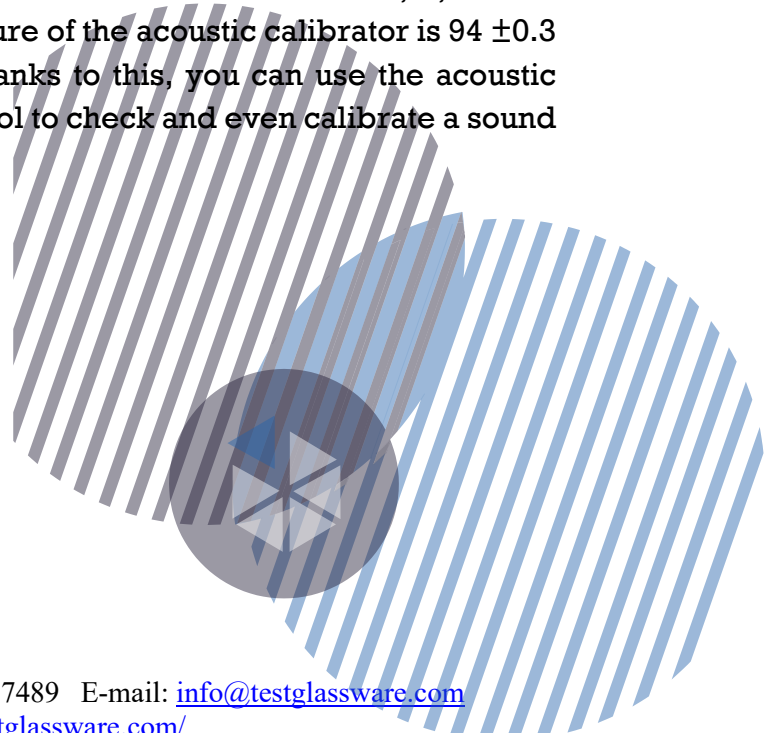
Simple handling

EIN 37-1939950

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Adapter for different types of microphone

**Includes:**

- 1 x Acoustic Calibrator PCE-SC 09
- 1 x ½-inch microphone adapter
- 1 x 1/4" inch microphone Adapter PCE-SC 09
- 1 x Case
- 2 x 1.5 V batteries, type AA
- 1x Instruction Manual

**Full Specifications**

- Sound pressure level 94dB, 114dB
- Accuracy class IEC 942, class 1
- Sound level accuracy  $\pm 0.3$  dB (20 °C, 760 mm Hg)
- Frequency 1000 Hz, frequency weighting A, B, C, D
- Frequency accuracy  $\pm 0.01\%$
- Microphone size 1"
- ½" (adapter included in delivery)
- ¼" (adapter included in delivery)
- Digital screen
- Altitude effect 0.1 dB reduction for every 610 m height difference from sea level
- Temperature coefficient 0 ... 0.01 dB/°C
- Battery status Graphic indication
- Power supply 2 x 1.5 V batteries, type AA
- Operating conditions -10 ... +50 °C, 20 ... 90 % R.H., non-condensing
- Storage conditions (without batteries) -40 ... +65 °C, 20 ... 90 % R.H., non-condensing
- Dimensions 100 x 100 x 75mm, Weight 250g