



www.instrumentation.it

INSTRUMENTATION DEVICES SRL

Via Acquanera 29, 22100 COMO (Italy) tel. +39.031.525391 - fax +39.031.507984 - info@instrumentation.it

SEIT 1928

KONDENSATORMIKROFONE
FÜR STUDIO - UND MESSTECHNIK

MICROTECH GEFELL

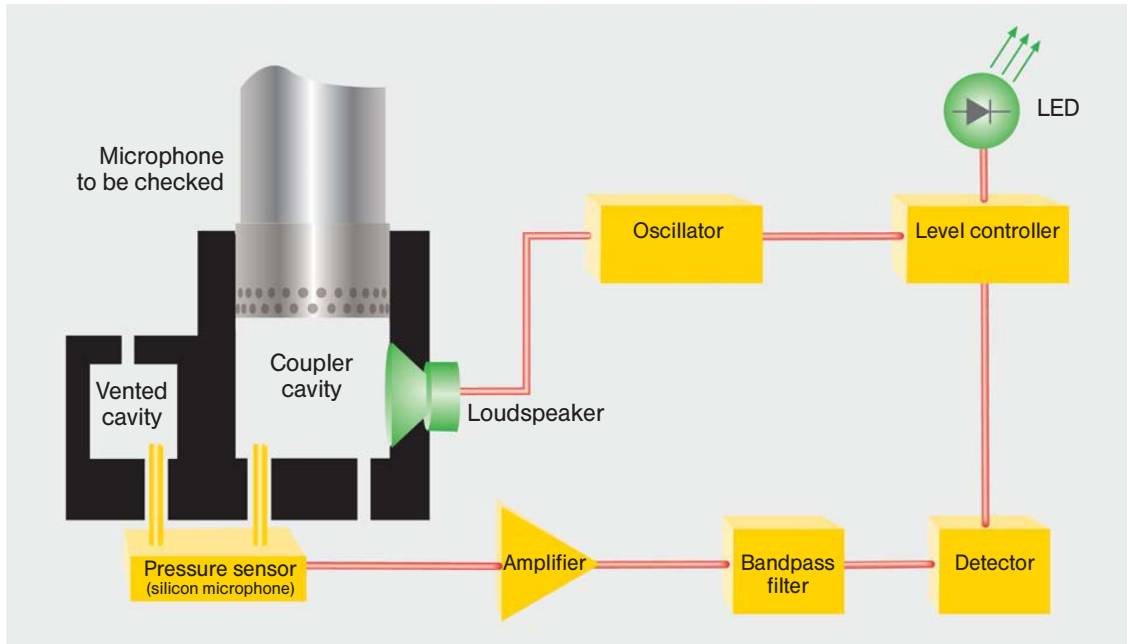


Schalldruck-Kalibrator 4000 Kl. 1 Sound Calibrator 4000 Cl. 1





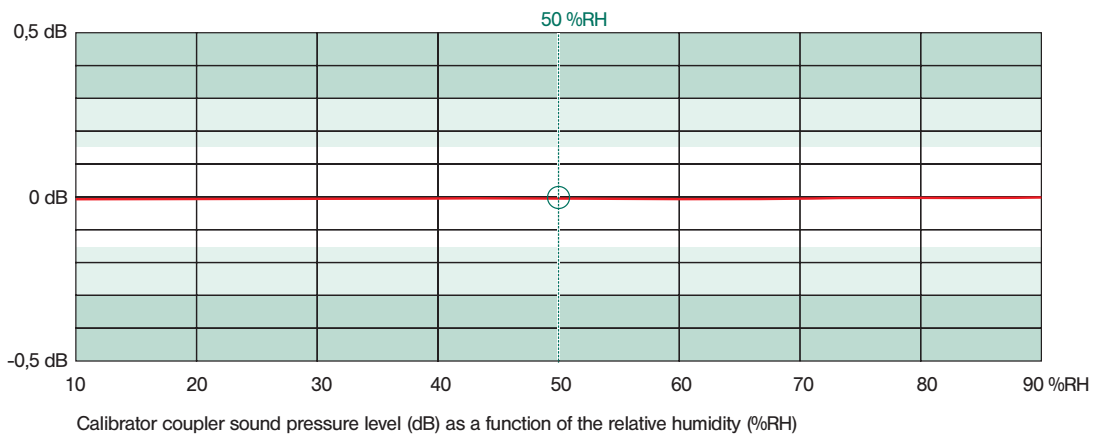
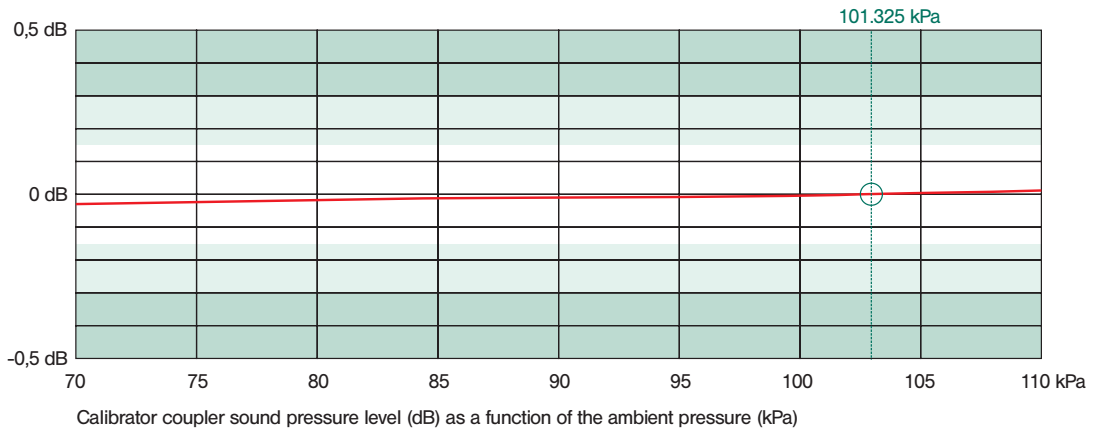
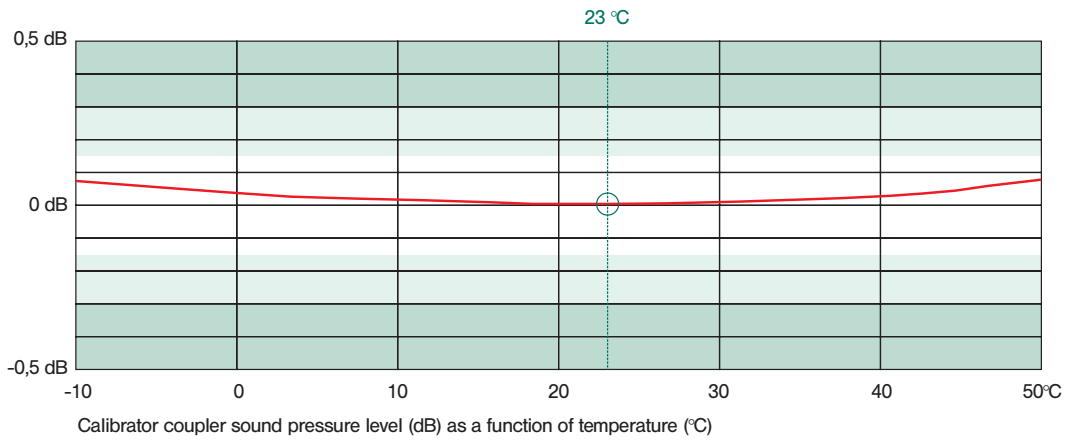
The sound calibrator operating principle



Specifications Sound Calibrator 4000

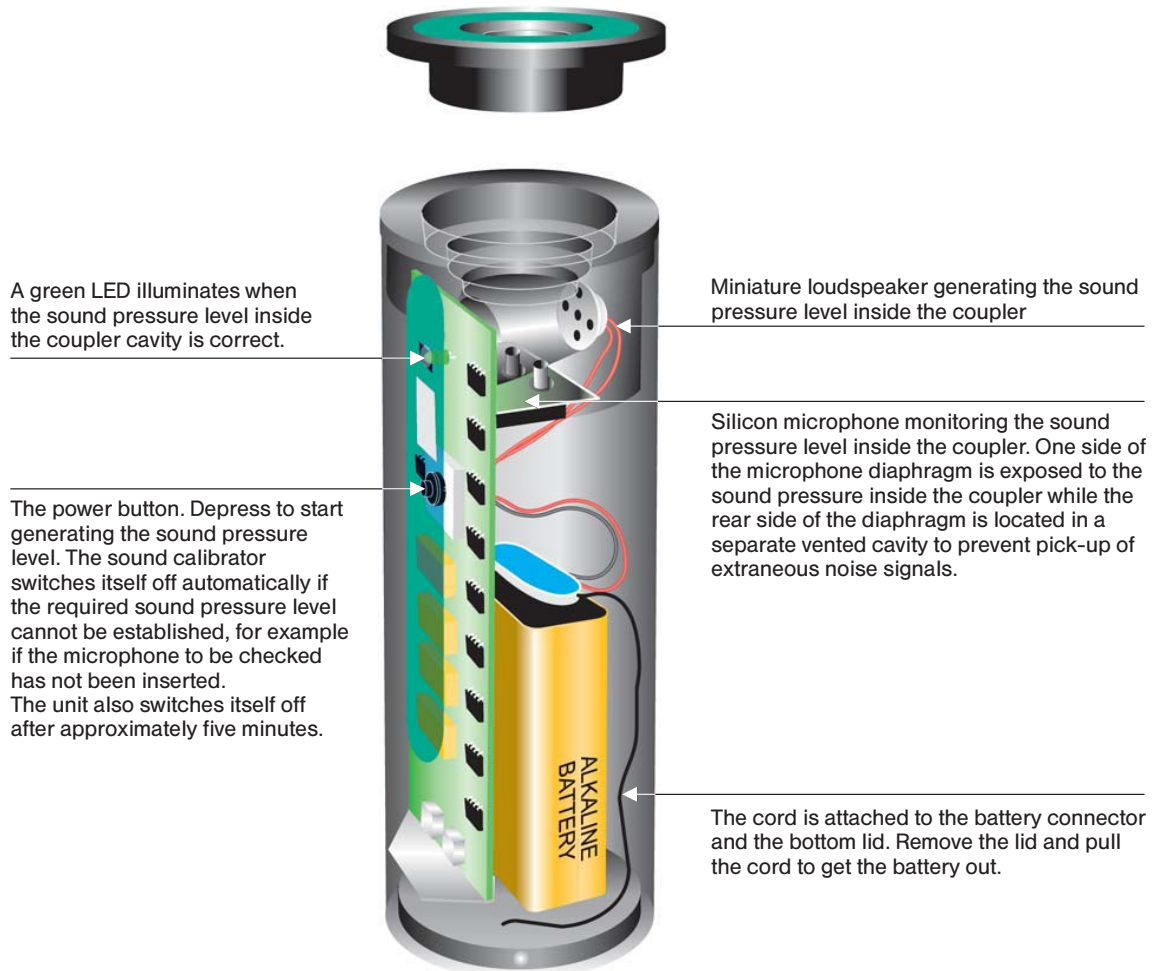
CE Certifikate

| | |
|---|--|
| IEC 60942 Classification | Class 1 |
| Complies with ANSI S 1.40 | yes |
| Sound pressure level (re: 20 μPa) | 114.0 ± 0.2 dB |
| Frequency | 1000 Hz ± 0.2 % |
| Distortion | < 1 % |
| Sesitivity to change in the load volume | + 0.0003 dB/mm ³ |
| Typical change in SPL per year | < 0.02 dB |
| Time for level to stabilise | < 2 sec. |
| Microphone cartridge size | 1", 1/2", 1/4" |
| Controls | Power-on push button with green LED indication. Automatic shut-off when the microphone is removed (except for 1/4") |
| Temperatur range | -10 °C to +50 °C |
| Ambient pressure range | 65 - 108 kPa |
| Humidity range | 10 / 90 %RH |
| Battery type | 9 V 6LR61 |
| Battery live-time | > 30 hours |
| External supply voltage (via battery connector) | 7.5 - 15 Vdc. Automatic shout-off when V _{BATT} < 7.5 Vdc |
| CE classification, EMC | EN 50081-1, EN 50082-1 |
| Safety | EN 61010-1, 1993 portable equipment pollution category 2 |
| Size | L: 109.5 mm; Ø: 40 mm |
| Weight | 185 g with battery |





There are adaptors available to also facilitate the calibration of 1/2"-inch and 1/4"-inch cartridges in addition to full-inch.



Remove (by pulling) the bottom lid to gain access to the battery compartment.