**Sound Level Meters**

### PCE-355

**Personal noise dosimeter with data logger, interface and software**

The PCE-355 personal noise dosimeter is used to measure the noise level accumulated in the workplace, in the industrial sector, etc. The most important features of this device are its external microphone that you can hang on your neck using a clip, its data logging to store the measurements and its software. It can be connected to a PC to display the dose in %, assess the data, establish the quota and exposure time. The device is pocket-sized, connected to a PC to display the dose in %, assess the data, establish the quota and exposure time. The device is pocket-sized, lightweight and easy to use.

- Lightweight and easy to use
- Measurement range 70 to 140 dB (A)
- Noise dose range of 0 to 1999 %
- Data logger, interface and software
- A frequency weighting
- Fast and slow time weighting
- 4 digit LCD
- Wind shield
- ISO calibration certificate (optional)

### PCE-999

**Industrial sound level meter for first time users**

The PCE-999 sound level meter has some characteristics that only the most expensive devices possess. It measures noise, assess the noise in the workplace and controls measurements for gastronomy, traffic, environment, works, etc. You can purchase the optional ISO calibration certificate, as for the PCE-318, PCE-322A and PCE-353 LEQ models (with a laboratory calibration and a certificate for your company) and a sound calibrator (class II) to recalibrate.

- 2 measurements ranges: Low & High
- A and C frequency weighting
- Frequency range 31.5 Hz up to 8 kHz
- Fast and slow time weighting
- 4 digit LCD
- Auto shut-off feature
- 1/2” Electret microphone
- ISO calibration certificate (optional)

### PCE-318

**Sound level meter with a measurement range from 26dB(A) and analogue output**

The PCE-318 sound level meter has a measurement range from 26 to 130dB. This sound level meter is best suited to measure very low noises, such as those generated by computers fans, acoustic protection in machine housings, etc. It has an analogue output that makes it possible to record the values in external places. If you want, you can purchase the ISO calibration certificate and a sound calibrator of (class II) for in-house recalibrations when required.

- Measurement range from 26dB(A)
- Datalogging function records up to 99 records (manual)
- Analogue output: AC & DC
- 6 adjustable measurement ranges
- A and C frequency weighting
- Frequency range from 31.5 Hz to 8 kHz
- Fast and slow time weighting
- Min & Max Hold functions
- LCD with analogue bargraph
- ISO calibration certificate (optional)

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**Technical specifications**

**PCE-355**

- **Measurement range**: sound dose: 0 to 1999 %
- **Sound range**: 70 to 140 dB(A)
- **Resolution**: 0.1 dB
- **Accuracy**: ±1.5 dB (for 94 dB and 1 kHz)
- **Frequency weighting**: A
- **Criterion levels**: 70 to 90 dB of reading; 1 dB
- **Time weighting**: Fast / Slow
- **Microphone**: 1/2 inch Electret condenser
- **Operating conditions**: 0 to +50 °C, <80 % r.h.
- **Battery life**: approx. 38 hours
- **Dimensions**: 106 x 60 x 34 mm
- **Weight**: 350 g
- **Applicable standards**: IEC 651 type II, ANSI S1.25-1991

**PCE-999**

- **Measurement range**: 30 to 130 dB in 2 ranges
- **Resolution**: 0.1 dB
- **Accuracy**: ±1.5 dB
- **Frequency range**: 31.5 Hz to 8 kHz
- **MIN / MAX functions**: - / yes
- **LEQ**: -
- **Memory**: -
- **Software**: -
- **Frequency weighting**: A & C
- **Indicator**: 4 digit LCD
- **Operating conditions**: 0 to +40 °C, <90 % r.h.
- **Power**: 9 V battery
- **Dimensions**: 210 x 55 x 32 mm
- **Weight**: 230 g
- **Applicable standards**: IEC 651 type II, EN60651

**PCE-318**

- **Measurement range**: 26 to 130 dB in 6 ranges
- **Resolution**: 0.1 dB
- **Accuracy**: ±1.5 dB
- **Frequency range**: 31.5 Hz to 8 kHz
- **MIN / MAX functions**: yes / yes
- **LEQ**: -
- **Memory**: 99 (with keyboard)
- **Software**: -
- **Frequency weighting**: A & C
- **Indicator**: 4 digit LCD with analogue bargraph
- **Operating conditions**: -10 to +50 °C, <90 % r.h.
- **Power**: 9 V battery
- **Dimensions**: 264 x 68 x 27 mm
- **Weight**: 260 g
- **Applicable standards**: IEC 651 type II, EN60651

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**Contents**

- PCE-355, noise dosimeter
- PCE-999, carrying case, wind shield, battery and user’s manual
- PCE-318, carrying case, wind shield, adjustment screwdriver, 3.5 mm pin (for analogue output), battery and user’s manual

**Model No.**

- **PCE-355**
- **PCE-999**
- **PCE-318**

**Optional accessories**

- **PCE-SC41** Sound calibrator (94 dB)
- **CAL-355** ISO Certificate
- **RS232-USB** RS-232 to USB adaptor
- **PCE-SC41** Sound calibrator (94 dB)
- **CAL-355** ISO Certificate
- **PCE-999, carrying case, wind shield, battery and user’s manual
- **PCE-318, carrying case, wind shield, adjustment screwdriver, 3.5 mm pin (for analogue output), battery and user’s manual**

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**Technical specifications**

- **PCE-355**
- **PCE-999**
- **PCE-318**
# Sound Level Meters

## PCE-322 A

**Sound level meter with data logger and software (for long period monitoring)**

This sound level meter is best suitable to measure in the industrial, sanitary and security sectors, as well as check environmental noise. The built-in memory allows you store up to 32,000 readings. You can transfer data to a PC through the interface and assess it with the Windows data logging software (in English) which offers you a visualization of data in tables and bar graph format.

<table>
<thead>
<tr>
<th>Optional accessories</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCE-SC41</td>
<td>Sound calibrator (94 dB)</td>
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<tr>
<td>CAL-SL</td>
<td>IS0 Certificate</td>
</tr>
<tr>
<td>MIC-3</td>
<td>Microphone extension cable (3 m)</td>
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<tr>
<td>STAT</td>
<td>Tripod mount</td>
</tr>
</tbody>
</table>

## PCE-353 LEQ

**Sound level meter with LEQ, memory and software**

Thanks to the possibility to measure the level of continuous acoustic pressure (LEQ), this sound level meter is suitable for making checks in workplaces, of machines, etc. It has an analogue output that makes it possible to record the values in external places (p.e. for CE certification according to the guidelines for machines). Stored data can be easily transferred to a PC via the RS-232 interface and analyzed using the software (which is in English) and a cable provided.

<table>
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<tr>
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<tbody>
<tr>
<td>PCE-SC41</td>
<td>Sound calibrator (94 dB)</td>
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<tr>
<td>CAL-SL</td>
<td>IS0 Certificate</td>
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<tr>
<td>MIC</td>
<td>Microphone extension cable (5 m)</td>
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<tr>
<td>STAT</td>
<td>Tripod mount</td>
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<tr>
<td>NET-300</td>
<td>AC adapter (300 mA)</td>
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<tr>
<td>RS232-USB</td>
<td>USB to USB adapter</td>
</tr>
</tbody>
</table>

## PCE-DSA 50

**Sound level meter in octaves and third octaves in real time**

The PCE-DSA 50 sound level meter is a class one device that analyses frequencies in octaves and third octaves in real time. Above all, it is ideal for taking measurements in the industrial sector, in sanitation, security and environmental safety. The device can take measurements over long periods of time and data can be analyzed later on a computer. The sound level meter comes with an internal memory, allowing data to be transferred to a computer via a USB cable which is included in the order.

<table>
<thead>
<tr>
<th>Optional accessories</th>
<th>Description</th>
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<tbody>
<tr>
<td>QC-10</td>
<td>Sound calibrator, class 1</td>
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<tr>
<td>CAL-SL</td>
<td>IS0 calibration certificate</td>
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