NOISE METER / SOUND METER

PCE-323



- **Accuracy class 2**
- **Measuring range 30 ... 130 dB**
- **Different noise level ranges**
- **Bluetooth interface with free app**
- **Battery and power adapter**
- **Frequency weighting A and C**

The noise meter has a measuring range of 30 ... 130 dB and can be used where sources of noise are to be recorded. For example, the noise meter is used to control the noise level on stamping presses, ventilation systems or on busy roads. With the push of a button, you can switch between the frequency ratings A and C on the Bluetooth noise meter. With the data logger function of the noise meter, up to 32700 readings can be recorded. For optimal positioning of the microphone, the noise meter can also be mounted on a tripod.
With the Bluetooth interface, the Bluetooth sound level meter can be set up with an Android or iOS device. The measured values ▯▯from the Bluetooth sound level meter live can be transmitted and saved via the free app. The values ▯▯measured by the noise meter can then be exported in CSV file format for further processing.
In addition to the Bluetooth interface, the noise meter also has a mini USB interface. This allows the Bluetooth noise meter to be connected to a computer. With the software for the Bluetooth noise meter, the measured values ▯▯can then be transmitted live to the PC and, if necessary, exported as a CSV for further processing.
With the included 12V DC power supply, the Bluetooth noise meter can be used stationary. For mobile use, the Bluetooth noise meter can be operated with a 9V block battery. The transport case enables safe transport for the Bluetooth noise meter for mobile use.

Specification

Sound level	
Measuring range	30 ... 80 dB
Resolution	0,1 dB
Accuracy	±1.4 dB (under reference conditions @ 94 dB, 1 kHz)
Sound level	
Measuring range	50 ... 100 dB
Resolution	0,1 dB
Accuracy	±1.4 dB (under reference conditions @ 94 dB, 1 kHz)
Sound level	
Measuring range	80 ... 130 dB
Resolution	0,1 dB
Accuracy	±1.4 dB (under reference conditions @ 94 dB, 1 kHz)

General technical data	
Analogue output	AC/DC, Headphones
Measuring functions	MIN, MAX, HOLD
Connections	1/2 inch microphone
Time weighting	fast (125 ms), slow (1 s)
Frequency weighting	A, C
Frequency	31.5 ... 8000 Hz
Display type	LCD with backlight
Display refresh rate	2 x per second
Storage capacity	32700 Values
Storage interval from	1 s
Storage interval to	59 s
Microphone type	Electret capacitor
Interface	Mini-USB, Bluetooth
Standard(s)	IEC 61672-1 (Class II)
Operating time	30 h
Automatic power-off	15 min
Operating height	2000 m max. above sea level
Tripod thread	3/8 inch
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	Primary: 100 ... 240 V AC | 50/60 Hz Secondary: 9 V DC / 0.5 A
Connector type	Device-europlug
(Rechargeable) battery	1 x 9 V 9V block , Zinc carbon
Capacity	400 mAh
Operating conditions	0 ... 40 °C , 10 ... 90 % RH
Storage conditions	-10 ... 60 °C , 10 ... 75 % RH
Dimensions (L x W x H)	282 x 94 x 50 mm
Weight	335 g

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