SOUND LEVEL METER

PCE-MSL 1



- **extreme value measurement**
- **high precision**
- **fast volume measurements**
- **backlit colour LCD**
- **simultaneous temperature measurement**
- **HOLD function**
- **large frequency range**
- **A-frequency weighting**
- **robust ABS plastic housing**
- **1/2" electret condenser microphone**
- **slow/fast time rating**

The Noise Meter / Sound Meter is a simple sound measuring device. The noise meter / sound meter is used to quickly determine the ambient volume. In addition to the volume measurement, the decibel meter also has the facility to determine the ambient temperature. The measurement of background noise is important in almost every situation today. For this purpose it is helpful to use a simple decibel meter that gives the user an initial idea about the possible noise level.
The LC display gives clear results of the measurements made by the sound level meter. A backlight is also integrated into the display. The sound level meter is especially ideal for measurements that need to be non-stationary.

Specification

Sound level	
Measuring range	35 ... 135 dB
Resolution	0,1 dB
Accuracy	±2dB
Temperature	
Measuring range	-20 ... +70 °C
Resolution	0,1 °C
Accuracy	±1.5°C

General technical data	
Measuring functions	HOLD, MAX, MIN
Time evaluation	Straight (1 sec.), fast (125 ms)
Frequency weighting	A
Frequency	31.5 ... 8000 Hz
Display Typ	LCD with illumination
Measuring rate	3,33 Hz
Microphone type	Electret capacitor
Operating time	60 h
Automatic power-off	15 min.
Dimensions	Diameter microphone 1/2 inch
Menu language	English (US), English (GB)
Protection class (device)	IP20
Battery/battery	3 x 1,5 V AAA Battery (1,5V) , Zinc-manganese dioxide
Battery capacity	1200 mAh
Operating conditions	-20 ... 60 °C , 10 ... 90 %RH
Storage conditions	-20 ... 60 °C , 10 ... 75 %RH
Dimensions (L x W x H)	144 x 56 x 31 mm
Weight	75 g