ACCURATE SOUND LEVEL METER

PCE-ASM 10-ICA



- **Adjustable measurement ranges**
- **Measuring functions: HOLD, MAX**
- **Time weighting: F and S**
- **Frequency weighting: A, C, Z**
- **Battery and mains operation**
- **Adjustable display brightness**
- **incl. ISO-Calibration Certificate**

Our Noise Meter is a versatile device that measures and evaluates the sound level time-dependently. The Noise Meter offers three manual measurement ranges: 20 ... 90 dB, 40 ... 110 dB and 60 ... 130 dB, with a resolution of 0.1 dB. Frequency weightings A, C or Z can be selected in the device. The frequency range of the device is between 20 and 8000 Hz and the Noise Meter also has a key for selecting the time weighting between fast and slow.

The Noise Meter is powered by four AAA batteries but can also be operated via an external 6 V power supply, which offers the advantage of flexible and mobile use and also enables longer measurement times.

The measurement results are displayed either as numerical values or as a bar graph on a 2.2-inch LCD screen. Our Noise Meter has measurement functions such as HOLD and MAX and is equipped with a condenser microphone.

Specification

Sound level	
Measuring range	20 ... 90 dB
Resolution	0,1 dB
Accuracy	±1.5dB
Sound level	
Measuring range	40 ... 110 dB
Resolution	0,1 dB
Accuracy	±1.5dB
Sound level	
Measuring range	60 ... 130 dB
Resolution	0,1 dB
Accuracy	±1.5dB

General technical data	
Analog output	AC
Measuring functions	HOLD, MAX
Connections	1/2 inch microphone
Time evaluation	fast (125 ms), Straight (1 sec.)
Frequency weighting	A, C, Z
Frequency	20 ... 8000 Hz
Display Typ	LCD with illumination
Display size	2,2 Inch
Microphone type	Condenser microphone
Interface	RS232
Norm(en)	IEC 61672-1 (Class II), GB/T3785.2-2010, JJG 188-2017
Tripod thread	3/8 inch
Menu language	English (US), English (GB)
Protection class (device)	IP20
Power supply	6 V DC
Battery/battery	4 x 1,5 V AAA Battery (1,5V) , Alkali-Manganese
Battery capacity	1200 mAh
Operating conditions	-10 ... 50 °C , 0 ... 90 %RH
Storage conditions	-10 ... 50 °C , 0 ... 90 %RH
Dimensions (L x W x H)	230 x 65 x 25 mm
Weight	181 g