

Noise Meter / Sound Meter PCE-MSV 30



Portable sound camera and sound pressure meter for visual sound level measurement

In loud environments, it is often difficult to pinpoint the source of a sound. The easy-to-operate PCE-MSV 30 noise meter / sound meter visualizes sound in real time, creating a visual road map to a sound's source. Also referred to as a sound pressure meter, portable sound camera or sound level camera, the PCE-MSV 30 noise meter / sound meter can be used in various stages of machine and equipment design, manufacture and operation, from engineering research and development (R&D) to preventative maintenance and beyond.

Recorded images and videos can be transferred via a WLAN from the PCE-MSV 30 noise meter / sound meter to a computer for further analysis. When using the included sound measuring microphone, the PCE-MSV 30 also can be used as a general sound level meter without visualization.

The PCE-MSV 30 noise meter / sound meter offers a frequency filter in 7 frequencies compared to the PCE-MSV 10. Thus, the sound level can be monitored in the bar graph. The noise meter / sound meter PCE-MSV 30 also has a threshold level measurement. Here, a limit value can be set in the settings and the measuring device records a sound image when the limit value is exceeded.

- ▶ Real-time image recording
- ▶ Several measuring microphones
- ▶ For visual sound detection
- ▶ Wide frequency spectrum

Specifications

Frequency range	160 ... 6000 Hz
Measurement range	30 ... 130 dB A
Frequency filter	160 Hz, 250 Hz, 400 Hz, 630 Hz, 1000 Hz, 1600 Hz, 2500 Hz, 4000 Hz
	Indication of loudest source of noise
Measurement modes	Indication of transients Automatic Filter
Focal range	Automatic: 0.2 ... 5 m / 0.7 ... 16.4 ft Manual: 0.2 ... 50 m / 0.7 ... 164 ft
Display size	254 mm / 10 in
Memory	1 GB RAM
Video memory	Sufficient for 60 minutes
Battery life	Continuous operation: 4 h Intermittent operation: ca. 15 h
Dimensions	300 x 250 x 40 mm / 11.8 x 9.8 x 1.6 in
Weight	Approx. 980 g / 2.2 lbs

More information

Manual



More product info



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