



PCE Americas Inc.  
711 Commerce Way  
Suite 8  
Jupiter  
FL-33458  
USA  
From outside US: +1  
Tel: (561) 320-9162  
Fax: (561) 320-9176  
info@pce-americas.com

PCE Instruments UK Ltd.  
Units 12/13  
Southpoint Business Park  
Ensign way  
Hampshire / Southampton  
United Kingdom, SO31 4RF  
From outside UK: +44  
Tel: (0) 2380 98703 0  
Fax: (0) 2380 98703 9  
info@pce-instruments.com

[www.pce-instruments.com/english](http://www.pce-instruments.com/english)  
[www.pce-instruments.com](http://www.pce-instruments.com)

## Technical Sound Level Meter PCE-MSV 10

### **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 10 sound level meter visualizes sound in real time, creating a visual road map to a sound's source. Also referred to as a noise meter, sound pressure meter, portable sound camera or sound level camera, the PCE-MSV 10 sound level 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.

Lightweight and compact, the PCE-MSV 10 portable sound level meter features:

- Measurement range of 30 ... 130 dBA
- Frequency range of 20 ... 20000 Hz
- Real-time image and video recording\*
- 1 GB RAM
- Automatic setup
- 10" full-color tablet-style screen
- Software for visual sound analysis
- Sound measuring microphone
- Protective carrying case

\*Recorded images and videos can be transferred via a WLAN from the PCE-MSV 10 sound level meter to a computer for further analysis.

When using the included sound measuring microphone, the PCE-MSV 10 also can be used as a general sound level meter without visualization.

## Technical specifications

Measurement range	30 ... 130 dBA
Frequency range	20 ... 20000 Hz
Measurement modes	Indication of loudest source of noise
	Indication of transients
	Automatic
Focal range	Filter
	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
Battery life	Continuous operation: 4 hours
	Intermittent operation: 15 hours
Dimensions	300 x 250 x 40 mm / 11.8 x 9.8 x 1.6 in
Weight	Approx. 980 g / 2.2 lbs

## Delivery contents

- 1 x PCE-MSV 10 sound level meter
- 1 x sound measuring microphone
- 1 x protective carrying case
- 1 x software for visual sound analysis
- 1 x user manual