

## Hand-Arm Vibration Meter PCE-HAV 100

### Accelerometer

**Hand-Arm-Vibration Meter with Software / Triaxial sensor / ISO 8041: 2005 /  
Menu in many different languages / ISO 5349: 2001 / Long battery life /  
Data storage / OLED 160 x 128 pixels**

The accelerometer is a versatile vibration meter. The main feature of the accelerometer is the human vibration exposure assessment according to the ISO standards ISO 8041: 2005 and ISO 5349: 2001. Thus vibrations of tools of, for example, a jackhammer, impact drills, grinding machines or jigsaws can be determined and analyzed with the accelerometer .

The battery of the accelerometer has a running time of approx. 10 hours. Also, the accelerometer has a memory. Due to the long running time of the battery and the memory, measurements can be carried out with the accelerometer over a working day. The measured values stored by the accelerometer can be transferred to a PC after the measuring process. The PC software then allows analysis of the data measured by the accelerometer .

- Hand-Arm vibration analysis
- Easy-to-use interface
- 10 hours of battery life
- General vibration measurement
- Hand-arm accelerometer included
- Data memory for later evaluations

### Specifications:

Measuring range	Low: 0.05 ... 200.0 m/s <sup>2</sup> / 0.005 ... 20.4 g High: 0.50 ... 2000.0 m/s <sup>2</sup> / 0.05 ... 204.0 g
Measuring channels	1
Measurement parameters	Acceleration: Arms, Aeq, Amax, Peak, Vector Sum, HSE Exposure Points, EAV, ELV
Linear operating range	72 dB
Frequency weighting	Hand Arm Filter
Background noise	<0.002 m/s <sup>2</sup> - Low Range <0.020 m/s <sup>2</sup> - High Range
Memory	992 readings
Vibration sensor	ACM-PCE-HAV 100, 10 mV/g
Display	OLED 160 x 128 pixels
Power supply (battery)	2.4 V, 4 Ah NiMH
Battery life	about 10 hours of continuous operation
Power supply (power adapter)	Primary: 100 ... 240 V AC, 50/60 Hz, 0.35 A Secondary: 6.4 V DC, 1.3 A
Interface	3.5 mm Stereo jack, AC output: 4 Pin 3.5 mm jack, Micro USB, mains connection
Menu languages	German, English (US), English (UK), Chinese, French, Italian, Portuguese, Russian, Spanish

Operating conditions	-10 ... 50 °C / 14 ... 122 °F, <90% r.H. not condensing
Housing	ABS, keypad
Weight	ca. 280 g / 9.8 oz
Standards	ISO 8041: 2005 ISO 5349: 2001

Delivery scope:

- 1 x Accelerometer PCE-HAV 100
- 1 x Micro-USB cable
- 1 x Power supply with adapter
- 1 x USB stick
- 1 x Carrying case
- 1 x Factory certificate
- 1 x Operating Instructions (Quick Start Guide)