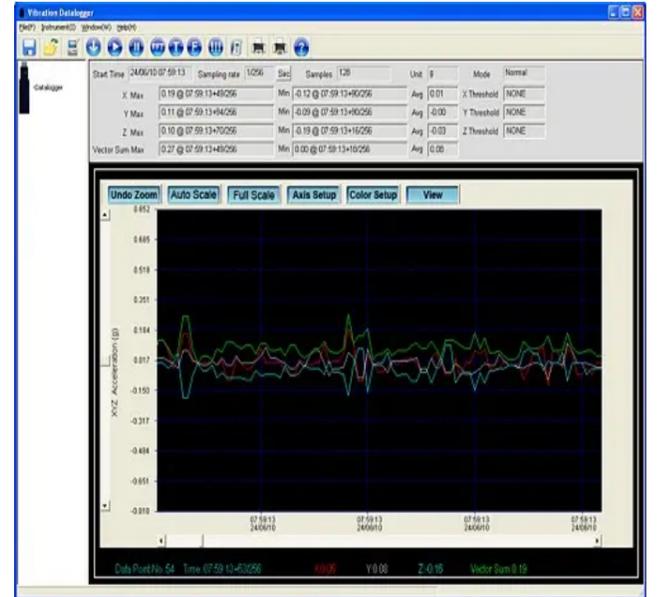


Accelerometer PCE-VD 3



PCE-VD 3 Accelerometer

Vibration Meter with FFT analysis / measures axis acceleration / measurement range ± 16 g / frequency range from 0 to 60 Hz / wall bracket

The PCE-VD 3 Accelerometer is a miniaturized universal Accelerometer with an included built-in three-axes acceleration sensor (X, Y, Z axis). The internal sensor of the PCE-VD 3 Vibration Meter measures acceleration force along the X, Y, and Z axes with a measurement range of ± 16 g per axis. Since the PCE-VD 3 Vibration Meter is in motion while it is recording data, alterations are recorded for the three axes. The PCE-VD 3 Vibration Meter can be placed anywhere due to its robust and magnetic bracket. Moreover, due to its small size and lightweight, the Vibration Meter can be used for many different applications, such as shipment control, sports, medicine, or for any application requiring the recording of movements of 1 to 3 axes. The PCE-VD 3 Vibration Meter can be easily programmed through the included software. All data can be sent to a PC or laptop via the USB port easily and quickly.

Note: The VD 3 must be programmed with a PC before it will operate, follow instruction manual to setup unit.

- ▶ Software included
- ▶ USB port
- ▶ Light weight
- ▶ Stand included
- ▶ Storage capacity: 8 Mbit (168042 records)
- ▶ Magnetic wall mount

Specifications

Measurement range	±16 g
Accuracy	± 0.5 g
Resolution	0.004 g
Frequency range	0 ... 60 Hz
Memory	8 Mbit normal measuring mode: 168042 records motion detection: 112028 records
Measurement rate / Record interval	50 ms ... 12 hours
Power supply	1 x 3.6 V, 1/2 AA, 14250, battery
Power consumption	ca. 2.8 mA during a measurement <1.5 µA idle
Battery life	ca. 400 hours
Status display	via 2 LEDs (recording in progress / alarm)
Interface	USB
Operating conditions	0 ... 40 °C (32 ... 104 °F), 10 ... 75 % RH non-condensing
Storage conditions	-10 ... 60 °C (14 ... 140 °F), 10 ... 90 % RH, non-condensing
Dimensions of device	95 x 28 x 21 mm / 3.7 x 1.1 x 0.8"
Dimensions of wall bracket	106 x 56 x 33.5 mm / 4.2 x 2.2 x 1.3"
Weight	25 g / 0.88 oz

More information

Manual



More product info



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