

PCE Instruments focuses on condition monitoring

The category condition monitoring in PCE Instruments' online shop keeps growing. This category includes various types of tachometers / rotation meters, inspection cameras, thermo hygrometers, contact and non-contact thermometers, infrared thermometers, environmental meters, noise meters / sound level meters, stethoscopes, phase rotation meters, strobe rotation meters / stroboscopes, ultrasonic thickness gauges, UV lamps / UV lights, shaft alignment tools as well as vibration meters and sensors. Some of these meters have a data logging function, some do not.

The vibration tester PCE-VM 25 is one of the test instruments in the category condition monitoring. This meter is often used to ensure smooth machine operation, e. g. by monitoring the oscillation acceleration, velocity and displacement as well as the rotational speed and temperature of engines and roller bearings. The vibration meter does a spectral analysis and tendency prognosis to show the user clearly how the values used to be, how they currently are and how they are likely to be in the future. The PCE-VM 25 has an OLED colour graphic display to show the effective value, the peak value and crest value and is equipped with a USB interface for data transfer to a computer where they can be analysed with an optional software. 16,000 readings can be saved to the internal memory. The vibration analyser has an output for headphones and comes with a vibration sensor with a spiral cable, a VMID measuring point, a USB cable, a headphone adaptor, a factory calibration certificate, a user manual and a carrying case.

To find out more about this or other test instruments for condition monitoring, [click here](#).