

**TEST EQUIPMENT
FOR MAINTENANCE, SERVICE
AND WORKPLACE SAFETY**



MEASUREMENT

Discover our test instruments
and their functions



VIBRATION MEASUREMENT
VIBRATION METER

PCE-VDL 24I

3-axis acceleration up to 1600 Hz

The acceleration sensor of this 3-axis data logger has a sampling rate of 1600 Hz. The sensor measures the current acceleration (3 axes), for instance in case of a shock or vibration. The measurements are made in pre-set (selectable) time intervals. The data measured with the internal 3-axis acceleration sensor are saved to a 32 GB memory card. This makes the data logger perfectly suitable to determine the acce-

leration for the purposes of fault diagnostics / stress test of components, machine monitoring, shock measurements and preventive maintenance in general.

ISO cal option

- » 3-axis acceleration up to 1600 Hz
- » 32 GB SD memory card
- » compact design: 86.

RPM MEASUREMENT
STROBOSCOPE

PCE-LES 103

LED tachometer with a range of 60 ... 300.000 flashes

The LED stroboscope PCE-LES 103 combines LED technology with intelligent and compact electronics for precise control of the flash frequency. The mobile handheld stroboscope is particularly suitable for non-contact measurement and visualisation of movements on machines and systems. The frequency of the PCE-LES 103 can be continuously adjusted between 1 and 5000 Hz (60 - 300,000 flashes

per minute). The high-power LEDs used ensure a particularly long service life of the light sources. The stroboscope achieves an illuminance of 6160 lux at 1000 Hz and a distance of 30 cm. A long operating time is achieved by the large Li-ion battery.

ISO cal option

- » brightness: 3 High Power LEDs
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