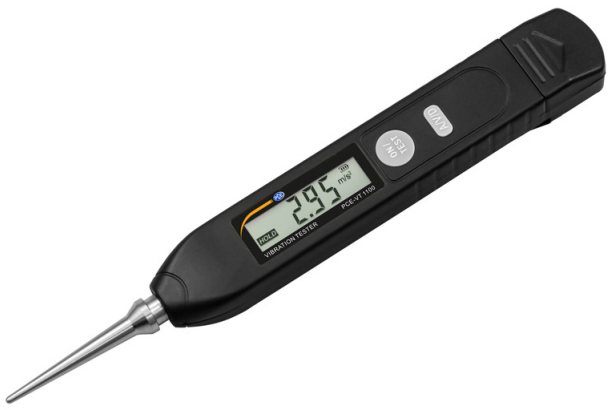
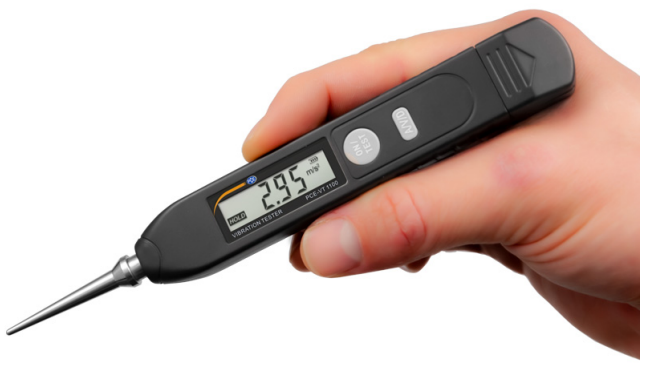
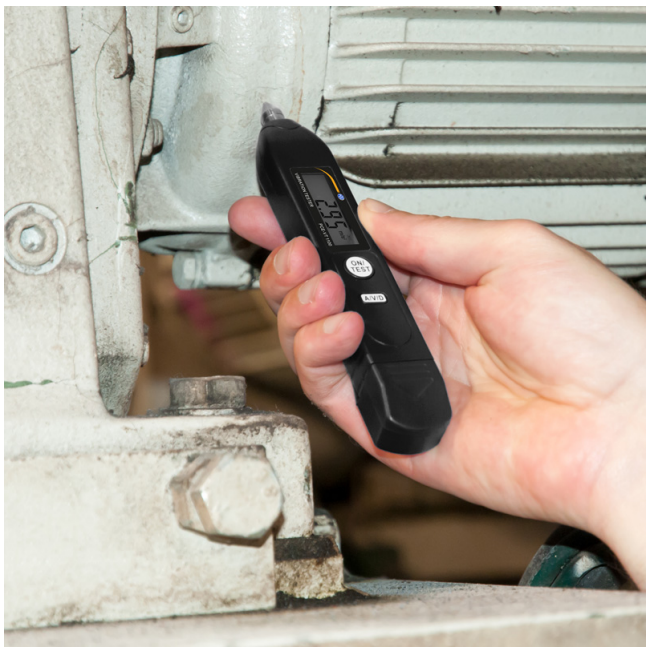
Accelerometer PCE-VT 1100S







Accelerometer PCE-VT 1100S

Vibration tester for vibrationmeasurement / Measured values memory for previous measurements /Measurement of acceleration, vibration velocity and displacement / Large frequency range / Battery-operated hand-held measuring device / Automatic shutdown

The accelerometer is used as a hand-held measuring device for the individual assessment of vibration on machines and systems.With the help of this accelerometerthe actual state can easily be determined on-site.Thus, corresponding changes can be made directly on site after the measurement.Thereafter, the new condition can also be assessed. Thus, the accelerometer serves as a measuring device for a relative measurement on different machines.

The accelerometer is essentially for precautionary or preventive maintenance of production machines.This accelerometeris used for rapid measurement of imbalance and for checking bearing and gear conditions.Very often, the accelerometeris also used to assess the status of smaller electric motors.

- Measures speed, distance, acceleration
- Keeps the value after every measurement
- Easy to handle and powered by batteries
- Wide frequency range
- Automatic shut-down after 20 seconds of inactivity to protect battery life
- Battery level indicator

Subject to change

Specifications

Parameter	Measuring Range	Frequency Range
Acceleration	0.01 ... 199.9 m/s² peak	10 Hz ... 1 kHz
Vibration speed	0.01 ... 199.9 mm/s rms	10 Hz ... 1 kHz
Displacement	0.001 ... 1.999 mm p-p	10 ... 500 Hz
Measurement accuracy	Acceleration: ≤ 3 % Vibration speed: ±5 %, ±2 Digits Displacement: +10/-20 % (10...20 Hz); ±5 % (20...1000 HZ)	

General specifications

Display	LCD, Response time approx. 1 second
Power supply	2 x 6 V CR2032 button cell
Battery life	about 5 hours (in continuous operation)
Environmental conditions	0 ... +40 °C / 32 ... 104°F, 0 ... 84 % r.H.
Dimensions	155 x 24 x 18.7 mm / 6.1 x 0.9 x 0.7"
Weight	ca. 40 g / 1.4 oz (incl. batteries)