

## HANDHELD SMART VIBRO PEN — PCH 4020

**FINALLY vibration measurements have become cheap and easy to handle.**

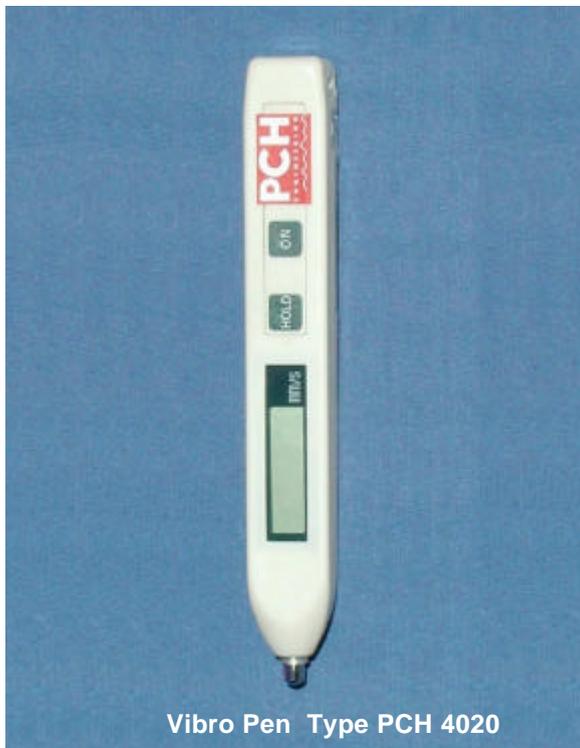
Finally it's here. The simple, cheap and yet precise VIBRO PEN PCH4020 for monitoring uncomplicated machines.

What can go wrong in a Fan, a Pump or an Electric motor? There are a number of possibilities, however two of the major possibilities are Unbalance and Misalignment, both being very destructive for a machine.

If a machine is allowed to run with an unbalance, a misalignment, eccentricity or even with a bent shaft. This will course extra stress on the bearings and thereby reduce their lifetime. Also these machine destructive problems result in an increasing power consumption. If a machine runs for just 8 hours a day this can have a heavy impact on running cost, not to say what the impact would be if the machine runs for 24 hours a day.

With the PCH 4020 it is now just as easy and cheap to check vibration as it is to check the temperature.

Monitoring of e.g. the level of imbalance of the grinder or spindle on a CNC machine or other material handling machines can improve production quality considerably. This can be done by using the vibration level as an indicator. One benefit could be higher acceptance rates. The VIBRO PEN PCH4020 gives you this important information.



Vibro Pen Type PCH 4020

The VIBRO PEN is easy to use and can follow you everywhere. It is not much bigger than an ordinary ball point pen. Press the point against the bearing house or other firm machine part and read the instant vibration level directly in the display. Unbalance and misalignment measurements typically comply with the ISO 10816 standard which is a velocity measurement in the 10—1000Hz frequency band. The PCH4020 VIBRO PEN complies with this standard.

SPECIFICATIONS	PCH 4020
Max. measuring range: Velocity	0,1-99,9mm/s (RMS)
Measuring parameter: Velocity	V: mm/s
Bandwidth: Velocity	10 - 1000 Hz
Accuracy:	+/- 5% reading + 2 digits
Display	3,5 digits LCD
Power supply	2 NR-44 or SR-44 batteries
Weight	App. 100 grams
Housing	Hard plastic, metal sensor



**The Vibration Monitoring Specialists**

**CHF1002-UK01**