VibroMatrix® Kit

Kit for human Whole-Body Vibration Measurement

The VMSet-13 comes in a handy case and provides you with everything you need for the measurement of human whole-body vibration acc. to ISO 2631:1997 and directive 2002/44/EC.

Vibrations in all three axes can be measured simultaneously. The complete solution offers more than small handheld units:

- The program guides you through the measurement reliably, with clear indications and graphics.
- Measured values as well as an asessment (red / yellow / green) are already indicated during the measurement.
- Each measurement is automatically transferred to the data storage with time stamp and can be completed with your own remarks.
- A calculation sheet for combining different activities to one person-related daily vibration exposure is integrated.
- The Pro version additonally offers frequency analysis of both, weighted and unweighted vibration signal. Thus, components responsible for the excceedance are detected easily and time for development is reduced considerably.

	VMSet-13	VMSet-13P
Hardware		
Sensor for Vibration Measurement	- 1x Piezoelectric accelerometer with integrated cable - Sensitivity: 100 mV/g, linear frequency range: 0.5 .. 3000 Hz - Operating temperature: -50 .. 70 °C - 3m cable to 3x BNC	
USB Box for Digitization	- 2x InnoBeamer LX2 - Inputs: 2x analog for vibration sensor(s), 1x digital for photoelectric reflex switch - Signal frequency: 0.1 .. 3200 Hz - Supply current: < 500 mA with supply of all sensors - no mains adapter required - Operating temperature: -20 .. 50 °C, weight: 350 gr. - Accessories: Synchronisation cable and 1m USB cable	
Software Licenses		
InnoMeter HVM 2631	3x	3x Pro