

Application

- Software module of the PC based vibration measurement system VibroMetra
- Measurement of hand-arm vibrations to EN ISO 5349
- Evaluation of vibrations at the workplace
- Prevention of blood vessel, nerve, bone and joint diseases
- Measurements for the implementation of EU guideline 2002/44/EC
- Evaluation of vibrations in the development of hand-held machine tools

Properties

- Triaxial measurement of interval RMS value of weighted vibration acceleration
- Weighting filter to ISO 8041-1
- Calculation of daily vibration exposure A(8)
- Offline processing of stored measurement data
- FFT analysis of vibration events with VM-HAND+
- Calculation of daily vibration exposure A(8)
- Generation of individualized reports
- Available as kit with hardware and sensor for one or both hands

Technical Data

	VM-HAND	VM-HAND+
Event analysis	no	FFT
Measurands	Interval RMS of weighted acceleration	
Frequency weighting	Wh	
Calculations	Vibration total value Ahv Daily vibration exposure A(8)	

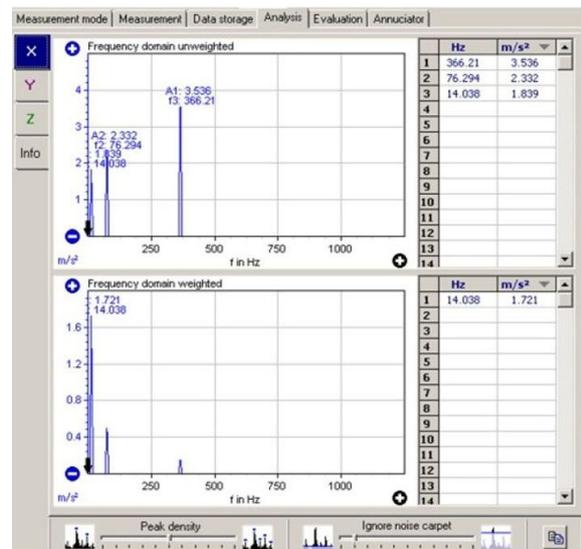
Optional accessories

- M312B USB sensor interface (2 units needed)
- KS963B10/01 triaxial accelerometer
- 141B Adapter for strap attachment on curved surfaces
- 143B Hand-held adapter for curved surfaces

Notice A free trial version of VibroMetra can be downloaded from our website www.MMF.de.

Measurement mode	Measurement	Data storage	Analysis	Evaluation	Annunciator
Measurement					
- 1. triaxial				19.02.2013 10:32:07	2.439 m/s ²
Hierarchy					
Hierarchy	Description	Duration	Value		
[-] Daily exposure		05:00:00	A(8) = 3.893 m/s²		
[-] Exposure segment		02:00:00	A(8) = 1.857 m/s ²		
[-] Handle		00:01:00	ahv = 3.714 m/s ²		
[-] Total value	3. triaxial: Drilling brick	00:01:00	ahv = 3.714 m/s ²		
[-] X-Value			ahw = 0.527 m/s ²		
[-] Y-Value			ahw = 0.372 m/s ²		
[-] Z-Value			ahw = 3.657 m/s ²		
[-] Exposure segment		03:00:00	A(8) = 3.422 m/s ²		
[-] Handle		00:01:00	ahv = 5.587 m/s ²		
[-] Total value	2. triaxial: Drilling concrete	00:01:00	ahv = 5.587 m/s ²		

Print report for selected exposure segment, using template: Second report example



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