Software Module Building Vibration

VM-PERS

VibroMetra

Application

- Software module of the PC based vibration measurement system VibroMetra
- Measurement of vibrations in buildings to DIN 4150-2 with regard to persons
- Vibrations by construction works
- Vibrations caused by rail transport
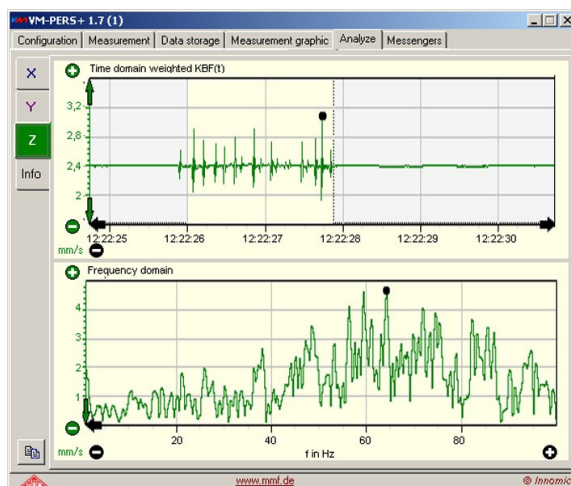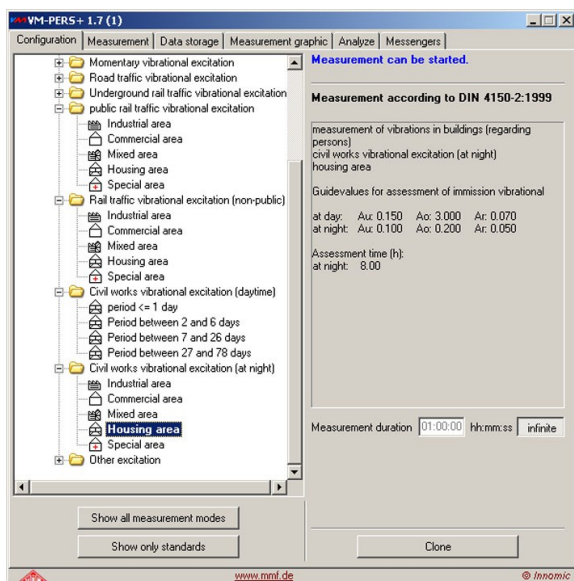- Documentation of building vibrations for verification purposes

Properties

- Measurement of building vibration in three orthogonal axes and main vibration frequency
- Recording of vibration events and real-time signals
- Generation of individualized reports
- User guidance corresponding to the standard
- Traceability of single vibration events possible
- Offline processing of stored measurement data
- FFT analysis of vibration events with VM-PERS+
- Available as kit including hardware and sensor

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Technical Data

	VM-PERS	VM-PERS+
Event analysis	no	FFT
Measurands		Maximum weighted velocity KBFmax
		Maximum value in consecutive time intervals KBFTi
Operating modes		Short-time vibrations
		Vibrations caused by rail traffic
		Vibrations caused by civil works
Data storage		Up to 100000 events with detailed information
Optional accessories	M312B USB sensor interface (2 units needed)	
	KS823B triaxial accelerometer with accessories	
	Tripod floor plate 729	

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

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