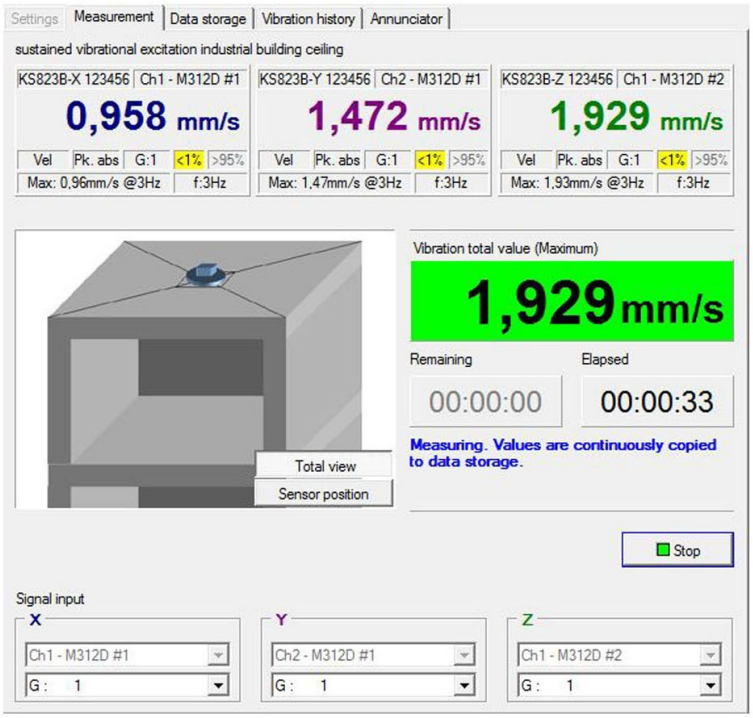
Software Module Building Vibration

VM-STRUC



Application

- Software module of the PC based vibration measurement system VibroMetra
- Measurement of vibrations in buildings to DIN 4150-3
- Monitoring of buildings during construction works
- Measurement of vibration immissions from the industry
- Measurement of vibrations caused by road or rail transport
- Evaluation of the impact of explosions on buildings
- Documentation of building vibrations for verification purposes

Properties

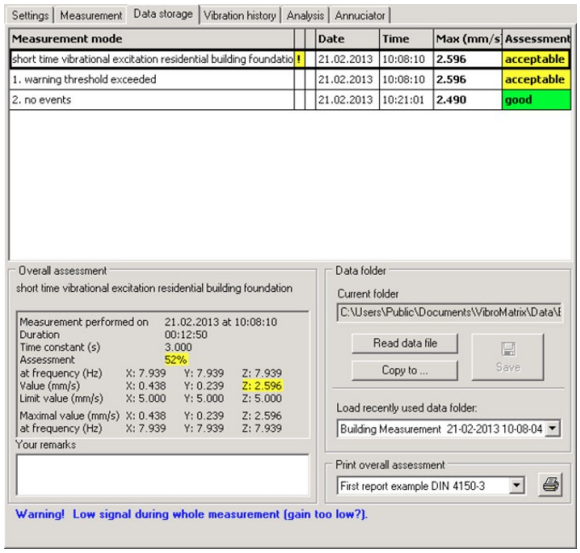
- Measurement of building vibration in three orthogonal axes and main vibration frequency
- Recording of vibration events and real-time signals
- Generation of individualized reports
- User guidance corresponding to the standard
- Traceability of single vibration events possible
- Offline processing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

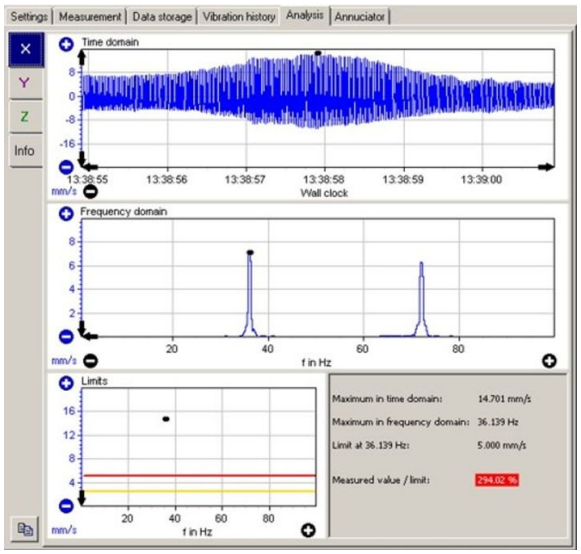
Technical Data

	VM-STRUC	VM-STRUC+
Event analysis	no	FFT
Measurand	Peak value of vibration velocity (PPV)	
Filters	1 to 80 Hz and 1 to 315 Hz	
Operating modes	Permanent and short-time vibration	
	Residential, listed and industrial bildings	
	Pipelines	
Data storage	Up to 100000 events with detailed information	
Indication	Peak values X/Y/Z;	
	vector sum	
	Main frequency	
	Measurement duration	

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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