



Piezo 1	Channel 1			
7.071 m/s²				
Acc	TRMS	G:10	<1%	>95%
<< Display only		Clone	Stop	
Signal input				
<input checked="" type="radio"/> Accelerometers				
<input type="radio"/> Photoelectric RS				
Channel 1				
Gain: 10				
Filter				
fmin [Hz]		fmax [Hz]		
0.300		1000.000		
Measuring				
Measurand		Unit		
Acceleration		m/s ²		
Parameter				
True r.m.s. value				
Time window		1.000		

Application

- Software module of the PC based vibration measurement system VibroMetra
- General vibration measurements
- Production quality control
- Tool for maintenance technicians

Properties

- Display of overall vibration values
- Total harmonic distortion (VM-METER+)
- Main frequency (VM-METER+)
- High pass and low pass filters
- Up to four windows per channel with different overall values



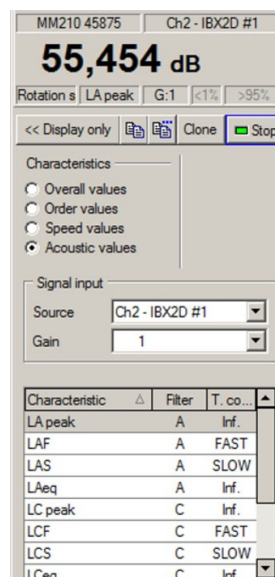
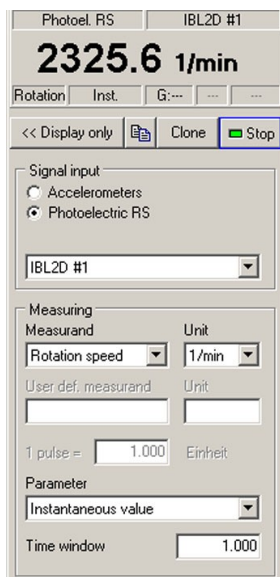
Technical Data

	VM-METER	VM-METER SE	VM-METER+
Vibration acceleration	yes	yes	yes
Vibration velocity	yes	no	yes
Vibration displacement	yes	no	yes
Rotation speed	no	no	yes
Harmonic distortion	no	no	yes
Crest factor	no	no	yes
Main frequency	no	no	yes
Measurands	Peak value; peak-to-peak value; RMS; instantaneous value		
Highpass and lowpass filters	Digital filters; 4/16/64 poles		
Frequency range	0.1 to 40000 Hz		

Optional accessories M312B USB sensor interface
VM-PS photoelectric reflex switch

Notice

A free trial version of VibroMetra can be downloaded from our website www.MMF.de.
Version VM-METER SE is a component of the two-channel combined licenses VM-SE FMS and VM-SE FMP.



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