

## **Application**

- Software module of the PC based vibration measurement system VibroMetra
- Long-term monitoring of vibration overall values
- Trend monitoring
- Resonance finding
- Finding and eliminating vibrations
- Sound level recording

## **Properties**

- Long-term recording and display of vibration level up to 24 hours
- Rcorded data can be viewed later in full time resolution by means of zoom and scroll functions
- RMS, positive/negative peak, peak-to-peak, instantaneous value
- Order values with VM-PLOT+
- Acoustic values with VM-PLOT+
- High pass and low pass filters
- Time stamps
- Two measurement cursors
- Up to four graphs per diagram
- Export as bitmap, PNG or text file manually or periodically



## **Technical Data**

	VM-PLOT	VM-PLOT SE	VM-PLOT+
Vibration acceleration	yes	yes	yes
Vibration velocity	no	no	yes
Vibration displacement	no	no	yes
Order values	no	no	yes
Sound level	no	no	A; C; linear; 8 h
Saving when crossing the limit line	no	no	yes
Saving in time intervals	yes	yes	yes

Measurands	Peak value (abs.; pos.; neg); RMS; instantaneous value	
Recording rate	1; 8; 16 values/s	
Time window for RMS and peak	0.1 to 10 s; adjustable	
Time stamps	With digital input	
Frequency range	0.1 to 40000 Hz	
Data export	manual/periodical (>1 s) as PNG; BMP; EMF; Text	

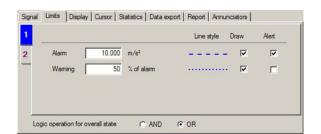
Optional accessories M312B USB sensor interface

VM-PS photoelectric reflex switch

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

 $\label{thm:combined} \mbox{Version VM-PLOT SE} \ \ \mbox{is a component of the two-channel combined license VM-SE FMP.}$ 





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