

Application

- Software module of the PC based vibration measurement system VibroMetra
- Recording of vibration signals in binary or text format for later analysis
- Recording of raw signals or pre-processed overall values like RMS and peak values
- Vibration measurement
- Acoustic measurements

Properties

- High pass and low pass filters with high slope
- Order values with VM-REC+
- Acoustic values with VM-REC+
- Level triggered or continuous recording
- Pre and post trigger
- Trigger combination of all channels with and / or function
- Each triggering saves a log file with automatically generated file name which may include user defined variables
- Bargraph and numeric display of the vibration level
- Alarm levels indicated by changing bargraph colors
- Synchronous recording of up to four signals per window
- Binary data with text header (also as separate files) or text data with text header



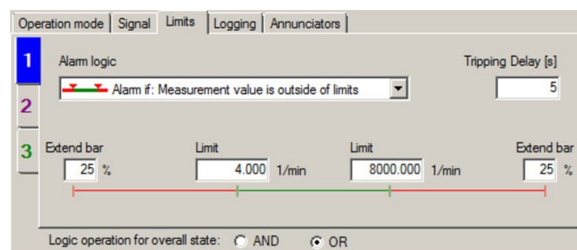
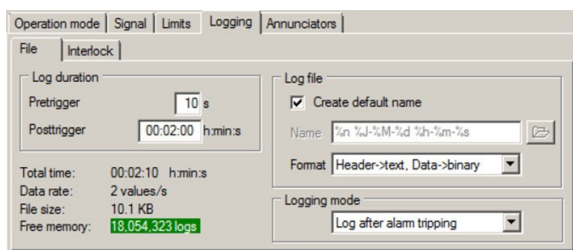
Technical Data

	VM-REC	VM-REC+
Vibration acceleration	yes	yes
Vibration velocity	no	yes
Vibration displacement	no	yes
Rotation speed	no	yes
Order values	no	yes
Main frequency	no	yes
Phase angle	no	yes
Sound level	no	A; C; linear; equ.; 8 h
Harmonic distortion	no	yes

Measurands	Peak value (abs., pos, neg.); peak-to-peak value; RMS; instantaneous value
Time window for RMS and peak values	0.1 to 10 s
Trigger thresholds	Maximum; minimum
Trigger delay	0 to 3600 s
Frequency range	0.1 to 40000 Hz

Optional accessories M312B USB sensor interface

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



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