Software Module Order Analyzer

VM-TRACK

Application

- Software module of the PC based vibration measurement system VibroMetra
- Order analysis
- Run-up/coast-down analysis
- Resonance finding
- Finding and eliminating vibrations

Properties

- Rotation speed coupled vibration analyzer
- Mesurement of vibration magnitude and phase angle at the rotary frequency or multiples
- High pass and low pass filters
- Two measurement cursors
- Up to four graphs per diagram
- Export as bitmap, PNG or text file manually or periodically
- Off-line diagnosis of previously recorded raw data

Metra Meß- und Frequenztechnik Radebeul GmbH & Co. KG

Technical Data

	VM-TRACK	VM-TRACK+
Spectrum of vibration acceleration	yes	yes
Spectrum of vibration velocity	no	yes
Spectrum of vibration displacement	no	yes
Spectrum of force; pressure; sound pressure	yes	yes

Frequency analysis	Order analysis
	Rotation speed resolution 3 to 1200 min-1
	Order freely adjustable; m : n (m, n: 1 ..1 000)
Measurands	Peak value; peak-to-peak value; RMS; phase
Frequency axis	min-1 or Hz
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.