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PC Based Vibration Measurement System **Quick Start Guide**



Thank you for choosing VibroMetra.

The system is designed as a ready-to-use tool for typical tasks of vibration measurement.

Here we show you the necessary steps before you start your first measurement.

Download and install the VibroMetra software package from our web page 1. https://mmf.de/software_download.htm



2. Only if you use more than one M312: Interconnect the devices with the supplied synchronization cables.

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- www.siafa.com.a 3. Connect the M302/M312 USB device(s) to your PC using the supplied USB cable(s). The driver will be installed automatically.
- 4. Start VibroMetra Online (Start menu / Programs).

VibroMetra 1.9.0	🜌 VibroMetra Online 1.9.0 – 🗆 🗙				
🚟 3 VibroMetra Simulator 🎴 4 VibroMetra Ordner	Measuring chain Sensors Measuring channels Instruments				
S VibroMetra Dokumentation ★ 6 VibroMetra entfernen	Settings>> CPUISad: 0/4 Start all instuments				

5. Click "Sensors" and right click inside the sensor window, choose "New group" and create a folder for your sensors. Then right click on your sensor group, select "New sensor" and enter type, serial no. and sensitivity from the sensor calibration sheet. Enter more sensors if necessary.

	New sensor
	Delete group Properties
New group	

Properties of sensor					
Basic data Calibration state					
Measurand	Acceleration				
Туре	KS78B100				
Serial number	180785				
Sensitivity	10.410000 mV/s ²				
	OK Can	cel			



 Click "Measuring channels". You will see type and serial number of the connected USB device(s). Drag and drop a sensor onto the correct M302/M312 input using the mouse pointer with pressed left button.

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Accelerometers	⊡ 🔁 M302	
Senso	📩 🕤 M302 #1000	
	Ch1 ()	
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8. Click "Instruments" to see the list of available software licenses. The licenses are stored inside your M302/M312 device. Installed licenses are marked yellow/green. An instrument is opened by a double click.

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Accelerometers	E ← M302 B ← M302 #1000 Ch1 (Sensor) Ch2 ()	 VM-BAL+ 1.9.0 (0/10) VM-BAL++ 1.9.0 (0/10) VM-BODY 1.9.0 (0/10) VM-BODY 1.9.0 (0/10) VM-GAL 1.9.0 (0/10) VM-FFT 1.9.0 (0/10) VM-FFT 3D 1.9.0 (0/0) VM-FFT * 3D 1.9.0 (0/0) VM-FFT + 1.9.0 (0/10) VM-FFT + 1.9.0 (0/10) VM-FFT + 1.9.0 (0/10) VM-HAND 1.9.0 (0/0) VM-HAND+ 1.9.0 (0/0)
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Measuring chain Sensors	Measuring channels	Instruments
Settings >>	CPU load: 0,3%	Start all instuments

Please press the F1 key if you need help using the instruments.

