

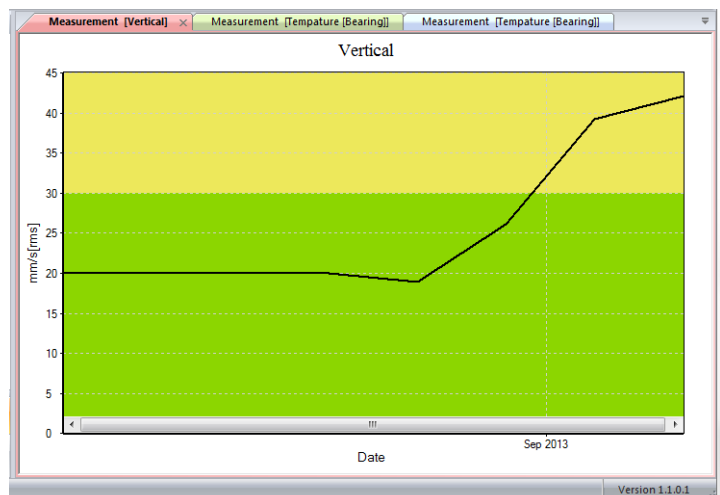


VIBER X2 Pro™

SMART PRODUCTS FOR SMART PEOPLE

Designed for maintenance and repair teams and operators personnel that needs a reliable, fast and easy to use tool for basic condition monitoring in rough conditions.

Now with trend function / software.



- Real-time measurements of the total vibration level and the Bearing Condition (BC), shown simultaneously
- Bar indicator displays measurement stability
- Fast and easy fault analysis displaying the five largest amplitude peaks frequency in RPM or Hz on main screen display
- Low power consumption
- Overflow alarm limits are clearly displayed with a yellow and red LED indicator
- Several languages are available
- Dust and waterproof, for rough use (IP 65)
- Pc-software for Trend View
- Up to 100 measurement can be saved.

Technical data VIBER X2 Pro™

Vibration transducer	Accelerometer	Standard 100 mV/g ± 15%	(selectable sensitivity in the instrument) 0,1 – 99999 mV/g
Input amplitude range	Vibration	Max 50 g RMS	With other sensor up to 500 g and 50 g BC.
	Bearing condition	Max 5 gBC	
Dynamic range	80 dB (159,16 Hz and with auto ranging)		
Frequency range	Vibration	2 - 400 Hz 10 - 1000 Hz 6 – 1600 Hz 11 – 3200 Hz	User selectable between Hz and RPM. When measuring displacement with an accelerometer lowest measurable frequency 3 Hz.
	Bearing condition	0.5 to 16 KHz	
Vibration units	g-value, m/s ² , mm/s, in/s, μm, mils		User selectable
Amplitude presentation	RMS, Peak, Peak-Peak		User selectable
Analysis	Five highest peaks can be displayed		VMI Trend Viewer Software included for PC
Frequency range of peak detection	Frequency range 2 – 400 Hz 6 – 1600Hz 11 – 2000 Hz 10 – 1000 Hz		Only 11 to 2000 Hz differs from user selectable ranges.
Storage Capacity	100 measurements can be stored		
Communication interface	USB 2.0		
Accuracy	Vibration	± 3 %	Full scale is 50g for acceleration other units are frequency dependent.
	Bearing condition	± 5 %	Over 0,5 gBC
	Frequency/RPM	± 0.2%	
Battery	Rechargeable Lithium	2300 mA/h, max 60 °C	Capacity of the batteries can vary depending on hardware revision. Max 2300 mAh. (storage temp. -20 to max 60 °C).
Operating time	1 Week normal use		Operating temp. min 0°C to max 50 °C, storage temp. max 72 °C.
External charger	5,0 V regulated @ 2000 mA		
LCD display	B&W 64 X 120 pixels with background light		
Enclosure protection	IP 65		
Operating temp. Range	0 to 50 °C		The restriction concerns display.
Weight	340 gram		Instrument, including battery and transducer.
Size (LxWxH)	145mm x 77mm x 47mm		

VMI International AB

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