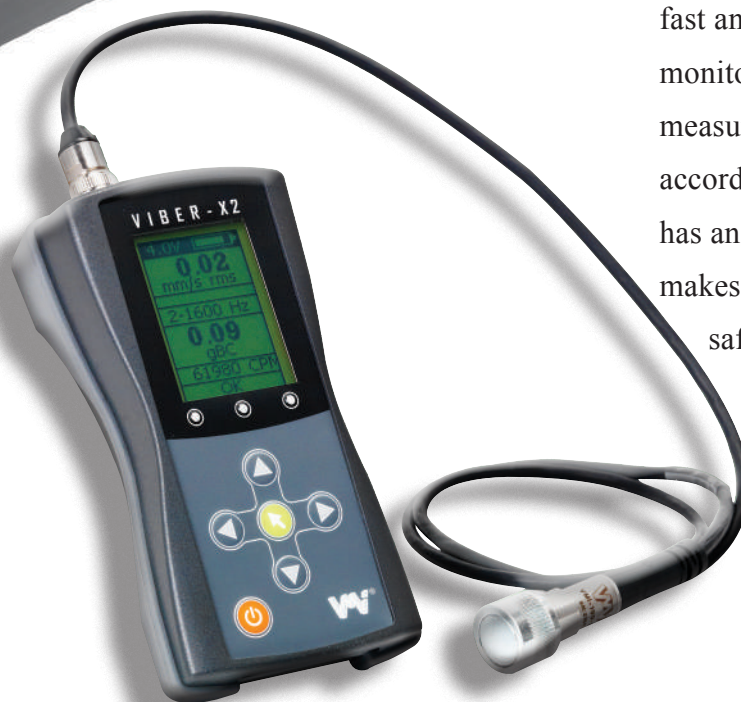


VIBER X2™

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. **VIBER X2™** measures Bearing Condition and vibration in accordance with ISO-standards. **VIBER X2™** has an external sensor with 1 meter cable. This makes the readings more reliable and much safer for the user compared to instruments with cheaper embedded sensors.

- 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)

Technical data Viber X2™

Vibration transducer	Accelerometer	Standard nom 100 mV/g	(Selectable sensitivity in the instrument) 0,1 - 99999 mV/g
Input amplitude range	Vibration	Max 50g RMS	With other sensor up to 500g and down to 0,05g
	Bearing condition	Max 20g	
Dynamic range	80 dB (at 159 Hz with auto ranging)		
Frequency range	Vibration	2 - 400 Hz 10 - 1000 Hz 6 - 1600 Hz 11 - 3200 Hz	User selectable
	Bearing condition	0.5 to 16 kHz	
Vibration units	g-value, mm/s, m/s ² , in/s, μm, mils		User selectable
Amplitude presentation	RMS, Peak, Peak-Peak		User selectable
Analysis	Five highest peaks can be displayed		
Frequency range of peak detection	Frequency range		User selectable unit, between Hz and RPM
	2 - 400 Hz		
	6 - 1600 Hz		
	11 - 2000 Hz		
	10 - 1000 Hz		
Accuracy	Vibration	± 3 %	Full scale is 50g for acceleration, other units are frequency dependent. All values are related to the normal acceleration 9,80665 m/s ²
	Bearing condition	± 5 %	Over 0.5 gBC
	Frequency/RPM	± 0.2 %	
Battery	Rechargeable Lithium	2300 mA/h max 60°	Capacity of the batteries can vary depending on hardware revision. Max 2300 mA/h. (Storage temp. -20°C to max 60°C)
Operating time	1 week normal use		
External charger	5,0 V regulated @ 2000 mA		
LCD display	B&W 64 x 120 pixels with background light		Operating temp. min 0°C to max 50°C, storage temp. max 72°C
Enclosure protection	IP65		
Operating temp. range	0 to 50°C		The restriction concerns display
Weight	340 gram		Instrument, including battery and transducer
Size (L x W x H)	145mm x 77mm x 47mm		

OBS. If changing to another accelerometer, the sensitivity (mV/g) must also be changed. This is done in the menu under "Transducer".

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