

# VIBER-A<sup>+</sup>™

SMART PRODUCTS FOR SMART PEOPLE

**VIBER-A<sup>+</sup>™** is designed to be very easy to handle, with high reliability and quality to a low cost! These instrument is especially designed for service technicians, operators and overall simple tests, like fault in machines defined by to high vibration levels or to high bearing condition value.

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





## Technical data Viber-A<sup>+</sup>™

Vibration transducer	Accelerometer	Standard nom 100 mV/g	(Adjusted to the instrument)
Input amplitude range	Vibration	Max 20 g RMS	With other sensor up to 200 g
	Bearing condition	Max 20 gBC	
Dynamic range	60 dB @ 159 Hz		
Frequency range	Vibration	10 - 1000 Hz 2 - 16 000 Hz	Frequency range depend- ing on actual version. Maximum frequency depending on transducer
	Bearing condition	0.5 to 16 kHz	
Vibration and BC units	mm/s, g-value		
Amplitude presentation	RMS		
Signal processing	Analogue		
Accuracy	Vibration	± 3 %	Full scale is 199,9 mm/s for vibration
	Bearing condition	± 5 %	Over 0,05 gBC
Battery	Alkaline AAA		Or external charged NiMH AAA can be used
Operating time	Normal use more than 2 weeks		
LED display	7 segment		
Enclosure protection	IP65		
Operating temp. range	-20 to 60 °C		
Weight	285 gram		Instrument, including battery and transducer
Size	125mm x 70mm x 40mm		

**Obs.** You should avoid using other accelerometers because of instrument calibration. If you change the accelerometer, the instrument must be calibrated to preserve the accuracy.

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[www.vmiab.com](http://www.vmiab.com)