



SMART PRODUCTS FOR SMART PEOPLE

# VIBER X1+



VIBER X1+ is a digital vibration instrument meticulously crafted for operators who not only prioritize high precision but also value a user-friendly and reliable tool. The VIBER X1+ guarantees durability and consistent performance throughout extended operational hours. VIBER X1+ measures total vibration and evaluates bearing condition in separately chosen frequency ranges for comprehensive system analysis.

- Multiple frequency range options available, up to 20,000Hz
- Wide vibration level range, maximum of 80g peak
- Icon-oriented menus on a clear 1.8-inch display
- Operating system with numerous pre-installed languages
- Update function for the latest firmware
- 16 hours of usage on a single charge
- Battery charging via USB-C
- Rugged IP65-rated enclosure

Digital	ADC	16 bit
	Dynamic range	96 dB
	Memory	4MB
Display	Size	1.8 inch, 128x128 pixels
Signal input	AC inputs	All standard ICP accelerometers (4mA/24V)
Measurements	Frequency range total value	2 to 16000 Hz
	Frequency range BC	500 to 20000 Hz
	Amplitude range	Up to 80 g, peak
	Accuracy	0.01 g $\pm$ 2 % for non integrated 0.1 mm/s $\pm$ 3 % for single integrated 1 $\mu$ m $\pm$ 5 % for double integrated
	Resolution	Up to 0.25 Hz/line
Power	Battery	3.7 V, 2.4 Ah Li-ion
	Operating time	16 hours typical use
	Charging	4h fully charged, 2h up to 70%
	Charger	5 - 12 VDC, 10W, USB-C
Temp.	Operating Storage	-20 °C to +70 °C (-4 °F to 158 °F) -30 °C to +80 °C (-22 °F to 176 °F)
Size	Dimensions	115 x 65 x 40 mm
	Weight	170 gr

Version: 1.0.0 En

The following items are included:

VIBER X1+

Accelerometer with one meter detachable cable

Multi-plug QC 3.0 fast charger with USB-C cable

Soft bag with shoulder strap

Printed user manual

Traceable calibration certificate