



SMART PRODUCTS FOR SMART PEOPLE

VIBER X2+



VIBER X2+ is a digital data collector engineered for precise measurement and analysis of vibration. Designed to capture highly accurate vibration data, VIBER X2+ seamlessly integrates with the VibLyze for robust monitoring and trend analysis.

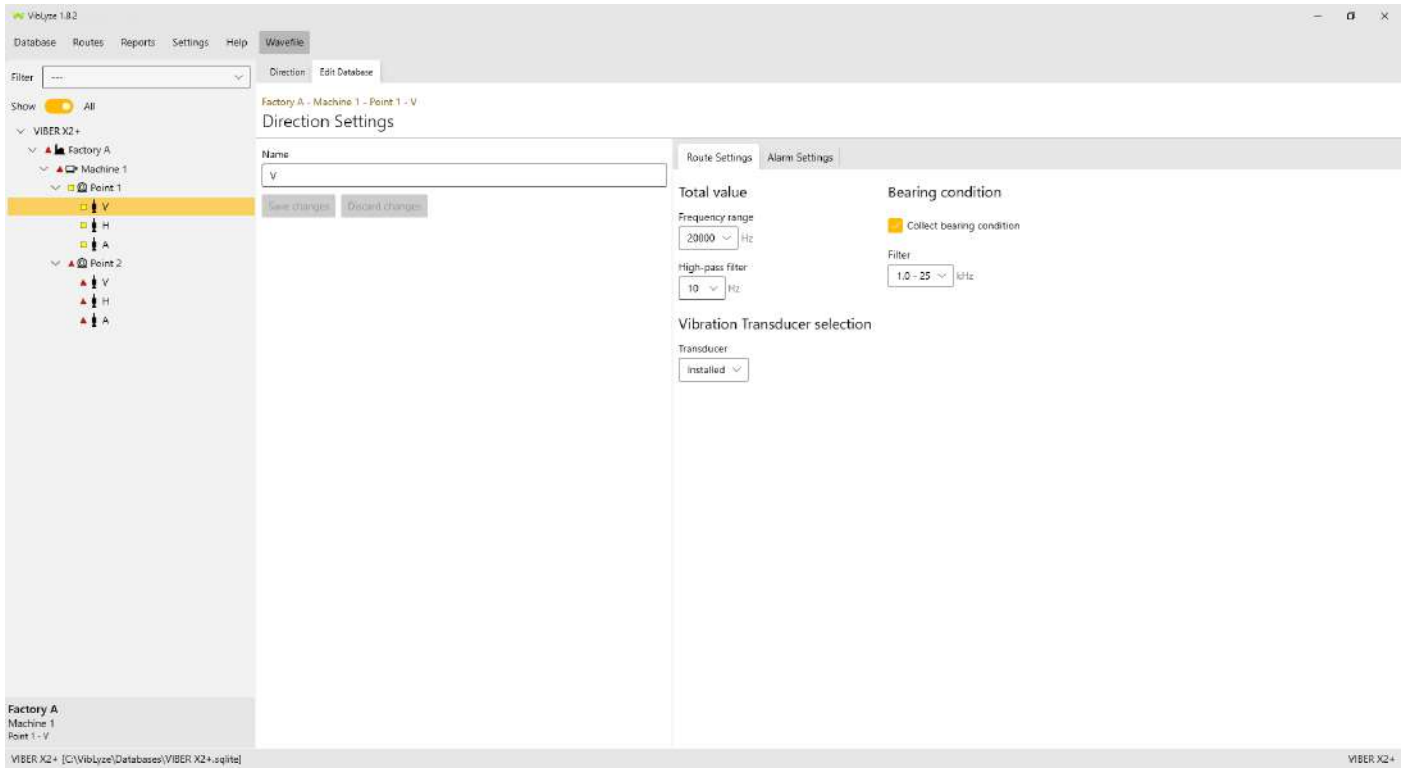
- Flexible frequency range options for total value measurements, ranging from 2Hz to 20000Hz
- Bearing condition measurements extend up to 25000Hz
- Wide vibration level range, maximum of 80g peak
- Perform route measurements using the VibLyze software
- Displaying the route measurement in different languages created the VibLyze software
- 32GB memory for storing route measurements and databases
- Includes a built-in real-time clock with calendar and backup battery
- Icon-oriented menus on a clear 2.2-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



Front view, featuring the input connector for the accelerometer



Rear view, equipped with a USB-C connector for data transfer and battery charging



An illustration of VibLyze's route file settings menu



Trend graph in VibLyze displaying vibration data from VIBER X2+

Digital	ADC	16 bit
	Dynamic range	96 dB
	Memory	32GB
Display	Size	2.2 inch, 128x128 pixels
Signal input	AC inputs	All standard ICP accelerometers (4mA/24V)
Measurements	Frequency range total value	2 to 20000 Hz
	Frequency range BC	500 to 25000 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 μ 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	140 x 75 x 50 mm
	Weight	220 gr

Version: 1.0.0 En

The following items are included:

VIBER X2+

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