



SMART PRODUCTS FOR SMART PEOPLE

VIBER X4™



The VIBER X4™ is a state of the art route-based vibration analyzer developed for advanced condition maintenance with top class accuracy

Product of SWEDEN
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Authorised Distributor in INDIA:
VIBROTECH TRAINERS & CONSULTANTS PVT LTD.,
(An ISO 9001:2015, ISO 45001:2018 Certified Company)
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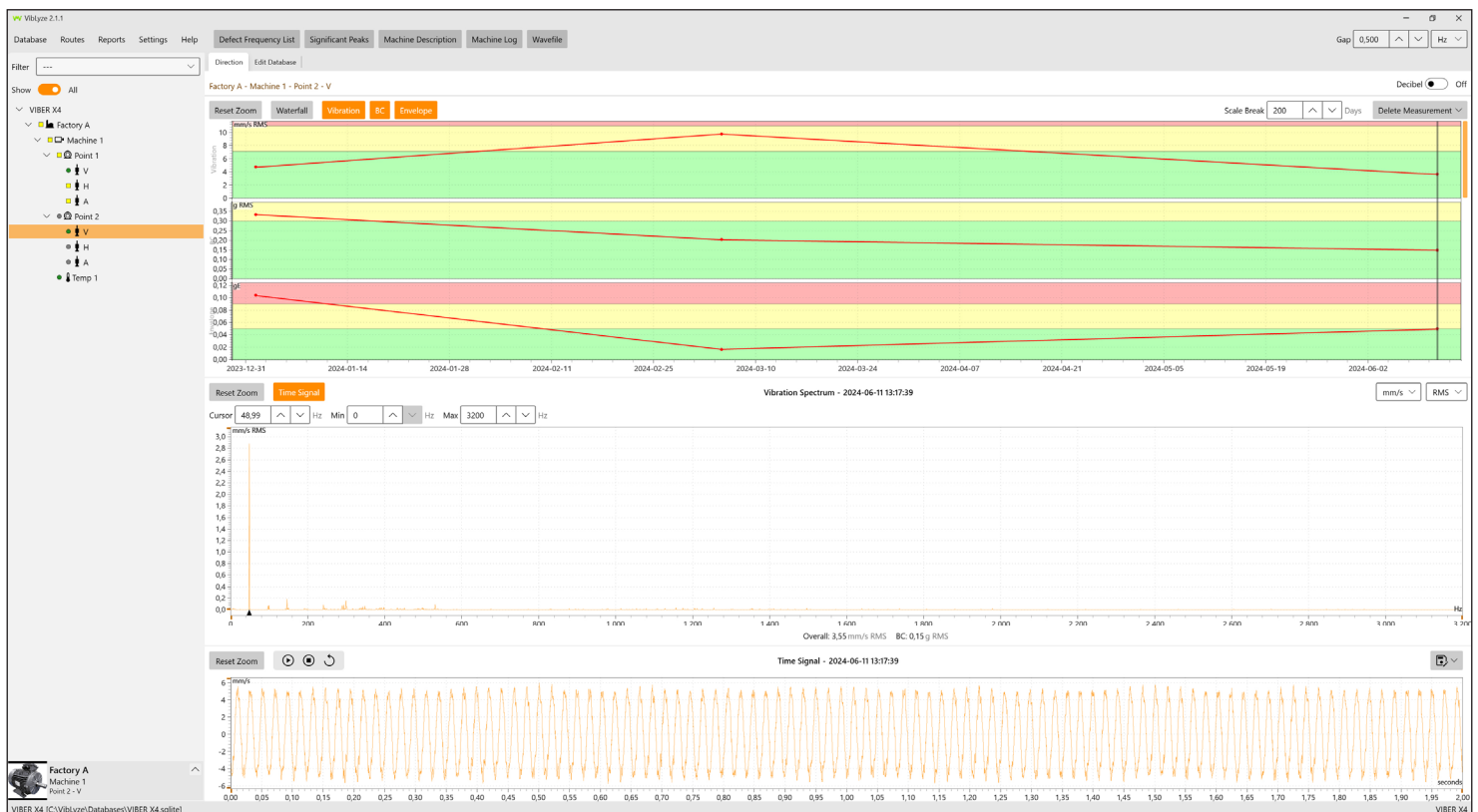
VIBER X4™

- Predict equipment failures before they occur
- Troubleshoot equipments and discover the cause of problem
- Inspect equipment during maintenance to confirm a successful repair
- Ensure correct installation of equipments
- Easy to operate by logic functions, saves time to get started
- Flexible with many functions
- Record wave time signal, up to 5 minutes
- Quickly charge the battery up to 80% within two hours even in the car
- 32 GB of memory that guarantees enough space for your data
- Rugged and tight (IP 65)
- Best price-performance ratio

VibLyze[®] analyzing and route Software

VIBER X4™ is designed to work together with VibLyze®, PC software for advanced vibration analysis.

- Create routes and set alarm levels.
- Simple database structure with templates and pictures.
- A large bearing database with over 80,000 bearings, where defect frequencies can be calculated and automatically analyzed.
- Quick access to all settings for each direction directly from the trend menu.
- Three-dimensional waterfall display with all spectra simultaneously or a selected number of instances.
- Analysis of waveform in off-route mode with live spectrum calculation and spectrogram.





VIBER X4™

VIBER X4™ scalable platform is designed to allow you to add more features with the functionality you need whether you are an experienced analyst or just starting a condition-based maintenance program.

☒ Included in the standard delivery

☐ Option

☒ Total value

☐ Waveform

☒ Bearing condition

☐ One plane balancing kit

☒ Amplitude and Phase

☒ Envelope

☒ Spectrum

☒ Speed

☒ Temperature

☒ Audio (Ability to listen to the bearing)

☒ Route based data collection

☒ 1 Accelerometer and cable

☒ Headphone

☒ IP68 rugged carrying case

☒ Fast charger with interchangeable plugs

☒ USB-C cable for connection to a computer

☒ Free software update

Technical data VIBER X4™

Digital	ADC	24 bit, 128 kSPS	
	Dynamic range	120 dB	
	Memory	32 GB	
Display	Size & Resolution	3.5 inch Amorphous TFT-LCD 320 x 480 pixels	
	Colors	65536	
Signals in	AC inputs	All standard ICP accelerometers (4mA/24V), velocimeters or general purpose AC transducers	
	External reference	0.5 to 24 V	
Temp. sensor	Temperature	-20 to 140 °C	Built-in infrared sensor
Measurements	Frequency range	Vibration: 0.5 to 12800 Hz BC: 500 to 25000 Hz	
	Amplitude range	0 to 80 g, peak	Depending on transducer
	Accuracy	0.01 g \pm 1 % for non integrated 0.1 mm/s \pm 2 % for single integrated 2 μ m \pm 3 % for double integrated	
	FFT lines	Up to 12800	
	Resolution	Up to 0.125 Hz/line	
	Windowing	Hanning, Hamming, Blackmann, Kaiser-Bessel	
Power	Battery	3.7 V, 6.8 Ah Li-ion	Fuel gauge smart battery pack
	Operating time	10 hours typical use	
	Charging	2 hours up to 80% with fast charger	4 hours fully charged
	Charger	Fast charger QC 3.0 compatible	
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 L x W x H Weight	190 x 100 x 60 mm 400 gr	



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