

# VIBER X4™

SMART PRODUCTS FOR SMART PEOPLE



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



## VIBER X4™

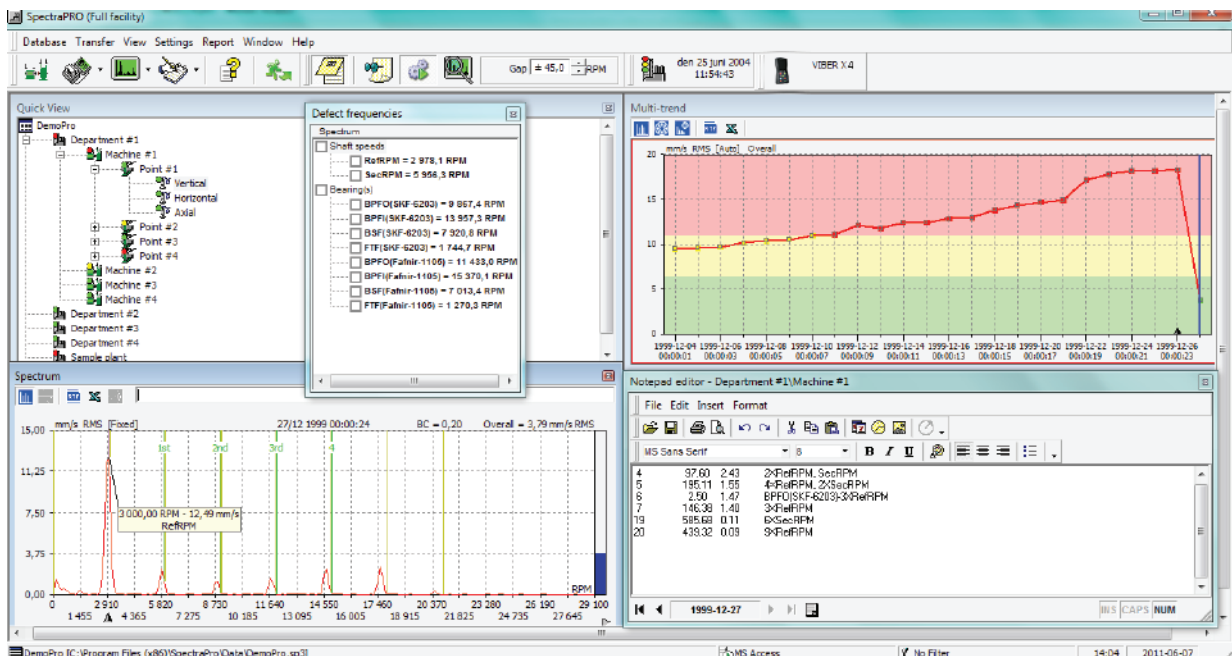
### **Some of the features that Viber X4 can proudly offer**

- 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
- Ability to choose your own language
- Bright high-resolution display makes it easy to see perfect results even in bright conditions
- 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

## SpectraPro analyzing and route Software

**VIBER X4™** is designed to work together with SpectraPro, PC software for advanced vibration analysis

- Create routes and set alarm levels
- Simple database structure with templates and pictures
- Large bearing database (over 9000 pcs) where defect frequencies can be calculated and automatically analysed
- Quick view, store your own array of windows for fast viewing
- Waterfall, last 5 spectra or choose your own
- Automatic reports, generate probable fault causes and several reports with just a click of a button





## 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.

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Included in the standard delivery        | <input type="checkbox"/> Option                  |
| <input checked="" type="checkbox"/> Total value                              | <input type="checkbox"/> Waveform                |
| <input checked="" type="checkbox"/> Bearing condition                        | <input type="checkbox"/> One plane balancing kit |
| <input checked="" type="checkbox"/> Amplitude and Phase                      |  |
| <input checked="" type="checkbox"/> Envelope                                 |  |
| <input checked="" type="checkbox"/> Spectrum                                 |  |
| <input checked="" type="checkbox"/> Speed                                    |  |
| <input checked="" type="checkbox"/> Temperature                              |  |
| <input checked="" type="checkbox"/> Audio (Ability to listen to the bearing) |  |
| <input checked="" type="checkbox"/> Route based data collection              |  |
| <input checked="" type="checkbox"/> 1 Accelerometer and cable                |  |
| <input checked="" type="checkbox"/> Headphone                                |  |
| <input checked="" type="checkbox"/> IP68 rugged carrying case                |  |
| <input checked="" type="checkbox"/> Fast charger with interchangeable plugs  |  |
| <input checked="" type="checkbox"/> USB-C cable for connection to a computer |  |
| <input checked="" type="checkbox"/> 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 ± 1 % for non integrated 0.1 mm/s ± 2 % for single integrated 2 µm ± 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	12 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	



**VMI International AB**

Sweden

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