

VIBXpert®

Welcome to
VIBXpert®
data collecting & analyzing



Multimode



Route



File Manager



Setup

 PRÜFTECHNIK



VIBXPERT® impresses not only experts ...

Large high resolution backlit display

Expandable memory

Rugged, light weight & easy to use

Long operation life > 8 hours

Joystick navigation with graphical interface

Knowledge-based setups – ideal for beginners, comfortable for experts

Green-yellow-red alarm LEDs based on ISO 10816 standards

Compatible with most sensors

... with many measurement options

Overall values include machine vibration, bearing condition, temperature, RPM

Amplitude spectrum

Envelope spectrum

Time waveform

Order analysis

Cepstrum

Startup & coast down measurement

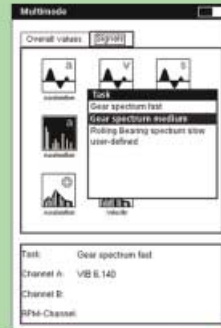
Phase measurement

Cross channel phase

Orbit

Process data (e.g. pressure)

Visual inspection data (e.g. oil level)

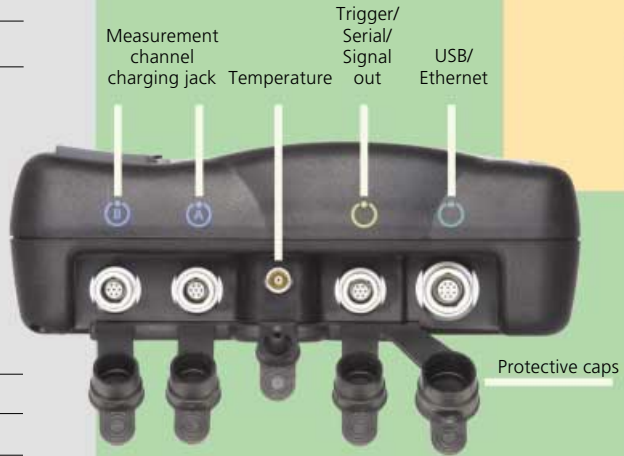


Icon-based measurement selections



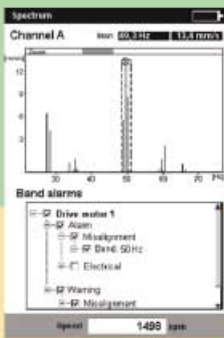
Route-based data acquisition with graphic guidance

VIBXPERT®

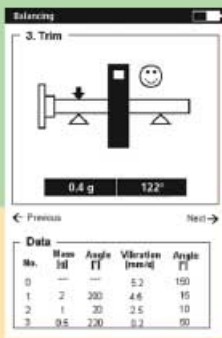


Connection overview





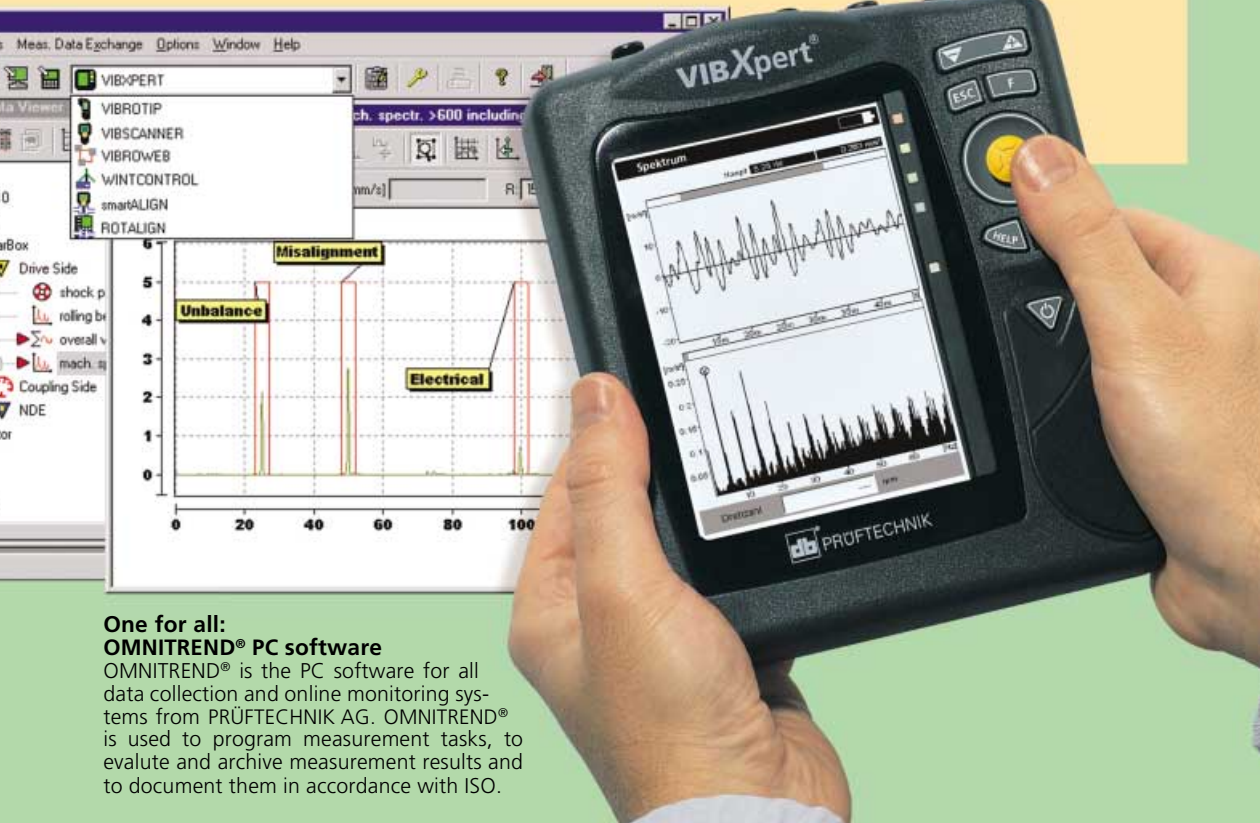
Narrow band monitoring of fault frequencies



'Smiley' appears when ISO Balancing Grade Tolerances are met.

Simple,
yet powerful

- the new 1 or 2 channel FFT data collector and signal analyzer



**One for all:
OMNITREND® PC software**

OMNITREND® is the PC software for all data collection and online monitoring systems from PRÜFTECHNIK AG. OMNITREND® is used to program measurement tasks, to evaluate and archive measurement results and to document them in accordance with ISO.

VIBXPERT® helps you avoid machine breakdowns



- Fast data acquisition and complete evaluation on site
- Fault frequency database for machines, bearings and gear boxes eases diagnosis
- Multiple cursor functions for precise signal evaluation
- Preset user-defined measurement tasks
- Trending of overall values
- Recording of overall values and spectra
- Cascade measurements & waterfall displays
- Available with one or two measurement channels (upgradable by passcode)
- Signal output for headphones and stroboscope
- Dynamic balancing in one or two planes (optional)
- Topic-specific help
- PC connection via USB, Ethernet, RS232 (networkable)
- Automatic measurement location identification with the proven VIBCODE® sensor system (optional)
- Robust connection technology (VIBSCANNER®-compatible)

PRÜFTECHNIK products for your machines



As a data collector, balancing instrument and signal analyzer, VIBSCANNER® is the ideal companion for the maintenance engineer.



As an intelligent online system VIBROWEB® also copes with rapidly changing operating conditions and promptly informs the maintenance engineer "before it's too late".

Visit us at www.pruftechnik.com



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Productive maintenance technology