

Vibration Analysis, Machine Diagnostics, Field Balancing

VibroLyzer VL 8000



Advantages

- Just switch it on and it's ready to go, thanks to its simple, reliable and intuitive operation and its very large, color LCD
- Simple, reliable user menu
- Fast measurement using digital signal processor (DSP)
- Data evaluating, listing and archiving with PC software
- Upgradable due to modular software concept
- Integrated sensor monitoring for reliability
- Standard interfaces for compatibility

Applications

- Measuring vibrations on bearing and machine housings
- Recording the condition of roller bearings
- Observing and recording vibration data
- Analysing frequencies of a vibration (FFT)
- Evaluating resonance frequencies and transfer functions
- Detecting machine damage
- Field balancing on site

Description

Measuring vibrations, analyzing measured data, detecting damage and its mechanisms, field balancing - with a modular design concept, the VL 8000 is a tailored tool for specific measuring or balancing tasks.

The VL 8000 provides systematically co-ordinated, powerful measuring and analysing tools.

Using the balancing procedure of the VL 8000, the unbalance can be corrected by drilling holes, for instance. In addition, calibration factors that change with the size of the unbalance can be taken into account.

The measurement values can be stored in the portable VL 8000 or they can be transferred directly to a PC for archiving or post-processing. A sophisticated power management system ensures long-lasting "cordless" mobility.



