



Brüel & Kjær Vibro



**NEW**

# VIBROTEST 80

Mobile Vibration Measurement in Compact Design

# VIBROTEST 80

## Compact data collector with full analyzer and balancing capabilities



*Despite the extensive functionality offered by the VIBROTEST 80, the user-friendly design lends itself to both inexperienced operators and specialists alike.*

VIBROTEST 80 is the newest vibration measurement handheld from Brüel & Kjær Vibro. Its lightweight, rugged compact design makes it ideal for route-based data collection. Due to its modular design, the instrument can easily be upgraded to a comprehensive four-channel vibration measurement device providing extensive analysis and balancing functionality.

### **Cutting-edge technology with decades of portable monitoring experience**

The VIBROTEST 80 history dates back over 40 years when the development of portable vibration measurement instruments, balancers and analyzers from Brüel & Kjær Vibro started, then under the name of SCHENCK. The technical innovations of our portable products are based on our know-how and extensive experience, resulting in the development of the VIBROTEST 80 and the VIBRPORT 80.

VIBROTEST 80 is a compact version of the VIBRPORT 80 handheld, with the same data collection, analysis and balancing functionality but with a smaller screen. The proven modular concept of the VIBRPORT 80 has been fully adapted to the VIBROTEST 80. The instrument is also available in an Ex version (ATEX certificate) for use in explosive environments.

## Data Collector

The VIBROTEST 80 Data Collector packages include updated firmware and new host computer software for efficient plant and route setup, route-based data collection, data analysis and database storage.

### Database Software Report & Route Manager

This software manages machine data and routes, analysis and trend diagrams, data storage and reporting. It is based on an application-oriented, flexible and expandable architecture, which enables future enhancement.

- Easy setup of measurements, alarms and routes
- Special plots and cursors – 3-D waterfall/spectrogram and gearbox cursor
- Fast detection of machine faults with alarm indicator
- Database of bearing fault symptoms. User-defined symptoms can be added
- Windows® based software and database
- Data can be exported from the VIBROTEST 60 and the xms® software to the Report & Route Manager.

## Balancer and Analyzer

Thanks to its modular setup, VIBROTEST 80 can be completely customized to a number of monitoring and maintenance tasks; be it a balancer only or a four-channel universal vibration measurement instrument that includes overall measurements, FFT analyzer, tracking functions, transfer functions, balancing, time signal recording and of course the data collector!

### Report & Examiner Software

This software manages the data stored during the measurements and enables the user to visualize, analyze and post-process them:

- Setup of reports
- Database of bearing fault symptoms. User-defined fault frequencies can be added via import function (including harmonics).
- Windows® based software
- Premium version for digital analysis of stored time signals (\*.wav files), rolling-element bearing database, Word® reporting.

### ★ Highlights Data Collector

- Unlimited amount of measurement routes with up to 5000 measurement tasks
- Up to 12 measurements/ measurement types
- Robust, compact and lightweight housing (IP65)
- Easy handling and big colour display
- CSA certified, ATEX/IECE version optional

### ★ Highlights Balancer and Analyzer

- Pre-defined measuring tasks with minimal configuration effort
- Simple sensor setup
- Function keys for setup of parameters and quick access

*Whatever your application, VIBROTEST 80 is available in many different packages to suit your needs. Ask your local sales contact for a live demo!*



## Contact

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