



Press Release

January 2012

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VIBROPORT 80 – Portable Vibration Analysis, Rotor Balancing, Fault Detection.

The handheld VIBROPORT 80 is the newest generation of portable vibration measuring instruments by Brüel & Kjær Vibro. Designed for versatility and flexibility, the VIBROPORT 80 can monitor and balance a wide range of machines in a number of industries and processes. Its extensive measurement and sensor input capability make it the perfect choice for early detection and diagnosis of incipient faults in bearings, shafts, gears, couplings, casing, etc. This includes everything from auxiliaries to critical machines.

Its modular concept enables both non-specialist operators and experienced analysts to use the VIBROPORT 80 for their respective measurement and analysis tasks. The entry level modules provide basic analysis (FFT spectra and rolling-element bearing fault diagnosis) and balancing (basic analysis plus two-plane field balancing with polar plots).

For the experienced specialist, several powerful add-on modules (able to be added at any time) provide the necessary functionality for measurement and analysis of the most complex applications. This add-on functionality includes order analysis, transfer function, and storage of time waveform signals (wav format), for post-processing.

In either case the instrument is extremely user-friendly, and its pre-defined measurement tasks and set-ups enable immediate measurement and analysis of most



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“standard/common” industry applications. It has a large colour display, an ergonomic keyboard and the robust housing conforms to protection standard IP65. VIBROPORT 80 is also available in an ATEX/IECEEx version.

The instrument comes in a robust carrying case that includes all basic accessories and sensors, together with the powerful ReX software for further data processing, analysis and reporting.

VIBROPORT 80, the reliable and user-friendly portable machine condition monitoring and balancing instrument is ideally suited to your particular application!

For more information, please refer to www.bkvibro.com or contact us at info@bkvibro.com.

Company

Brüel & Kjær Vibro is the leading worldwide independent supplier of condition monitoring solutions for rotating machinery. The comprehensive product range comprises vibration sensors (acceleration, velocity and displacement), vibration monitors, handhelds and rack-based plant-wide integrated monitoring solutions. These products plus a suite of comprehensive services fulfil the most demanding applications for safety, condition and performance monitoring of rotating machinery. Monitoring in the power industry is a strategic focus area with numerous applications in the conventional thermal, cogeneration, nuclear, hydro and wind energy sectors.

Based on 50 years of experience and a world-wide sales and support network, Brüel & Kjær Vibro's monitoring solutions have successfully reduced downtime and maintenance costs and increased machine reliability for our customers world-wide.

Brüel & Kjær Vibro is part of Spectris plc, the leading supplier of productivity enhancing instrumentation and controls.