



Brüel & Kjær Vibro

A member of the NSK Group

VIBROPORT 8000 (VP-8000)

Make smarter maintenance decisions
with this portable vibration analyzer



4 to 24
multi-channel device



Modern replacement
for older and
obsolete systems



Field-proven
rugged packaging
for all environments



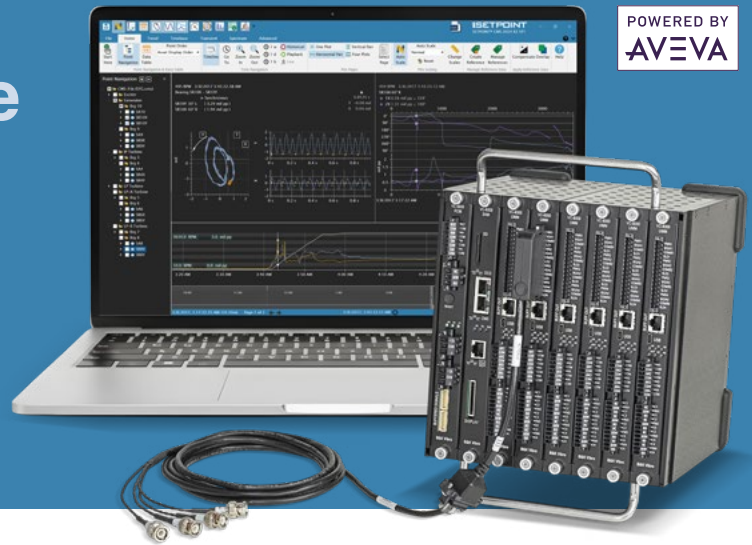
Analysis software
included



Brüel & Kjær Vibro

A member of the NSK Group

Smarter vibration analysis starts here



The VIBROPORT-8000 (VP-8000) is a high-channel, portable vibration data acquisition system designed for rotating and reciprocating machinery. Use it for on-site diagnostics, long-term condition recording, or targeted troubleshooting – without requiring permanent installation.

Capture vibration trends over extended periods using the integrated flight recorder, or collect transient data during start-up/coast-down events. Ideal for diagnosing bearing wear, misalignment, imbalance, looseness, and other mechanical faults. The VP-8000's rugged enclosure combines robust hardware, built to last in industrial environments, with smart, intuitive software. This makes on-site diagnostics simple with an easy, step-by-step configuration workflow.

With up to 24 channels, offline recording through its integrated flight recorder, the VP-8000 works with SETPOINT® CMS which can optionally be seamlessly integrated into the AVEVA™ PI System™. The primary

use of VP-8000 is to record data, it's the perfect tool for diagnosing machine issues. It connects quickly to existing protection systems or directly to sensors on the machine, so you can use it across multiple sites or machines.

As a fully portable and easy-to-deploy solution, the VP-8000 delivers cost-effective, high-resolution vibration data exactly when and where it's needed. It is self-sufficient, offering flexible data storage directly on the device or to a laptop or computer. Whether you're solving persistent faults or enhancing your reliability strategy, the VP-8000 gives you the insight to act with confidence.

Backed by global sales and service support and with more than 40,000 machines monitored over 80 years, B&K Vibro brings decades of trusted experience to every solution. The VP-8000 speeds up decisions thanks to remote and on-site diagnostic services, lifetime technical support, and a shared software platform with the VC-8000 online system. It's more than a portable device; it's a smarter investment in your machinery's future.

Specifications

Recording & Storage

- 32 GB removable storage (1 month typical)
- 256 GB SSD option for up to 1 year of data
- Integrated flight recorder (offline recording)

Acquisition Performance

- Up to 24 channels
- Up to 12800-line resolution
- Max frequency: 20 kHz (Fmax)
- Continuous sampling: up to 2 minutes

Software & Interface

- i-Factor patented diagnostic trigger
- Network access + export/share capability
- Full spectrum, time waveform, and diagnostic plots included

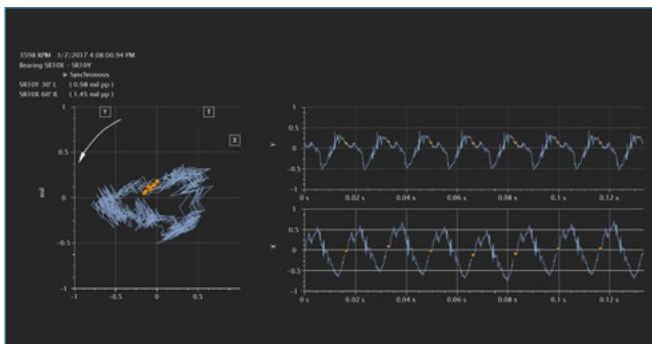
Order options

- 4 channel
- 8 channel
- 12 channel
- 16 channel
- 20 channel
- 24 channel
- Power supply

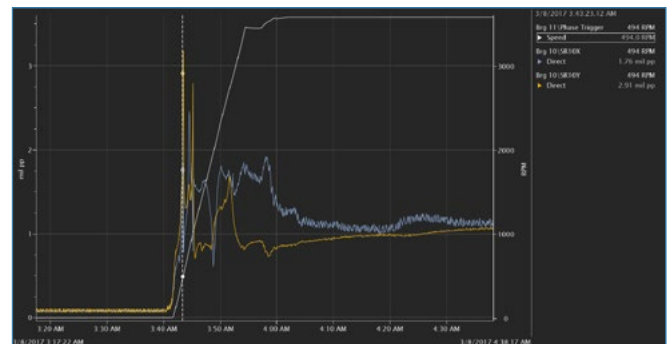
See the full picture with SETPOINT® CMS

It's easy to understand data captured with the VP-8000 and identify issues with SETPOINT® Condition Monitoring Software (CMS).

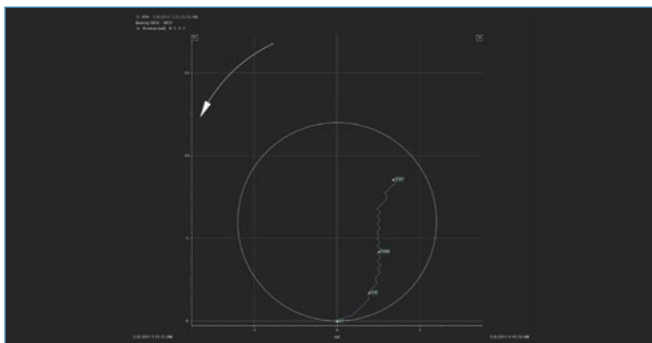
Designed for both online and offline monitoring, this is the only vibration monitoring solution that seamlessly integrates with the AVEVA™ PI System™. So you can combine vibration and operations data in one place to make smarter decisions. You can also provide third-party consultants or OEMs with access to real-time data for remote or on-site diagnostics. Helping optimize performance, boost uptime, and act with confidence.



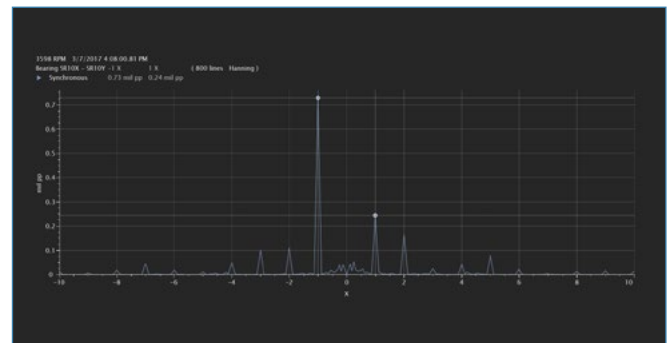
Orbit time-based



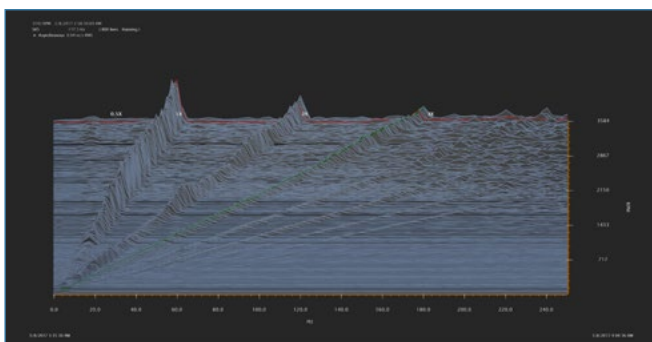
Multivariable trend



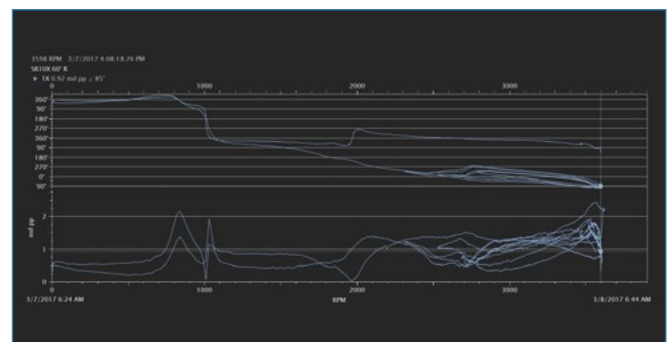
Shaft centerline



Spectrum & full spectrum



Waterfall & cascade



Bode & polar



Explore the full technical documentation and service options online

Scan the QR code or visit: bkvibro.com/product/vibroport-8000

Included inside:

- VP-8000
- Travel case
- Quick connect cables
- Power supply
- SETPOINT® CMS software



Additional services from us

Save on upfront purchase costs and avoid the hassle of storing equipment when it's not in use with our rental service.

Whether you want to try before you buy or only need the equipment occasionally, you can rent the VP-8000 and get the easy-to-understand data you need to diagnose equipment issues.

If you need extra support in operating the equipment or diagnosing a problem, you can rely on our remote or on-site diagnostics service. We'll bring our expertise to you so we can solve the problem together.

Germany

Brüel & Kjær Vibro GmbH
Wittichstraße 6
64295 Darmstadt
Germany
Phone: +49 6151 428 0
Fax: +49 6151 428 1000

info@bkvibro.com

Denmark

Brüel & Kjær Vibro A/S
Lyngby Hovedgade 94, 5 sal
2800 Lyngby
Denmark
Phone: +45 69 89 0300
Fax: +45 69 89 0301

www.bkvibro.com

USA

BK Vibro America Inc.
1100 Mark Circle
Gardnerville, NV 89410
USA
Phone: +1 775 552 3110