FLUKE®
Reliability

The next-generation vibration analyzer and smart machine field balancer

db PRÜFTECHNIK®
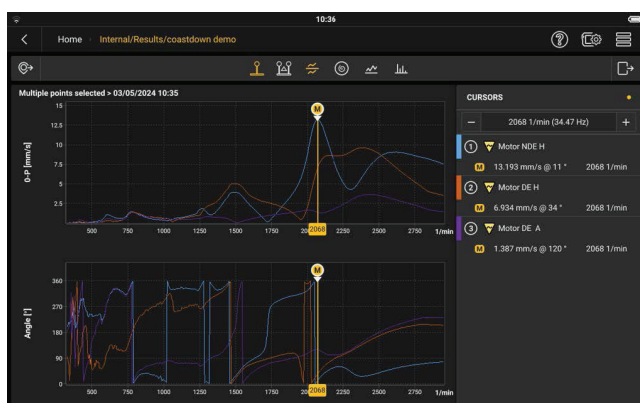
Faster Data Collection
Synchronous 6-channel measurements, modern data processing & streamlined workflows

Improved Balancing Experience
Intuitive user-interface, simplified workflows, data management & analysis leading to faster, more accurate results and less user errors.

Powerful in-situ analysis capabilities
Comprehensive insights on machine overall vibration, FFT, phase & time waveform data with graphical analysis tools & display

eMaint Condition Monitoring
Intuitive and easy to use web-based software, enabling a clear overview on your machinery with strong analysis features

More reliable results
Full digital data processing minimizes time per point measured. Better resolution on FFT and Timewave for all types of rotating machinery

The VibXpert 3 helps customers reduce maintenance costs, minimize unscheduled downtime, and prolong asset health and safety
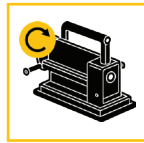
Increase Asset Lifespan

Cut Maintenance Costs by 40%

Maximise Uptime and Revenue

Best in class Balancing Features

- One and two plane balancing with expanded view of overall machine condition
- Synchronous 6 channel measurement: single axis sensor or 2 triaxial sensors supported
- Optimized balancing calculation based on all sensor signals
- Coast-down/run-up over all 6 channels with full post-processing

Advanced Vibration

- Complete data capture – overall vibration values, FFT spectra, phase & time waveform data
- Fast route data collection and automatic data transfer over Wi-Fi
- Modern data processing capability

Machine Templates and advanced reporting

- Best practice & customizable machine templates for fast in-situ asset balancing
- Streamlined balancing report with all data – save machines in a file system with all available data to give clear machine view and not just a tasked-based view

New eCM Compatibility

See all of your critical asset health data in one user friendly 'dashboard driven' web application

Best in Class Analysis tools

Notification and alarm list to identify areas of focus

Advanced analysis tools with frequency marker, alarm and cursor function

Dashboard gives a clear state of the plant machinery status

Ready to go web-based software

No installation on local PC necessary

Automated updates and upgrades

No additional IT cost for data storage and backup

Easy to use configuration based on machine property

Direct communication with VibXpert3 over Wi-Fi