

make
MAINTENANCE
A PROFITABLE
PART OF YOUR
PRODUCTION

BEARING CHECKER

bearing monitoring
made easy™

SPM



Bearing damage is a frequent cause of machine breakdowns, but it is often possible to detect problems in time for corrective maintenance. Timely failure prediction and detection is key to improving equipment and component reliability and cutting operating costs. Unplanned downtime and unnecessary repair work can be significantly reduced by periodically checking bearing condition.



BearingChecker is used to assess the condition of rolling element bearings in industrial equipment like gearboxes, motors, fans, and pumps. Through regular measurements at predefined positions - always under similar operating conditions - data can be collected and compiled into trends showing operating condition over time. This allows you to make confident maintenance decisions, such as initiating more frequent condition checks or planning repair work for a planned stop.



BearingChecker makes a proactive approach to maintenance economically feasible for everyone. A practical and user-friendly complement to your maintenance toolbox, it is a straightforward and reliable instrument for first-line assessment of bearing condition. It can also be used to identify lubrication and cavitation issues. Without specialized training, potential problem sources can be detected and monitored well before damage is detectable by heat or vibration.

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BearingChecker is an ideal instrument for beginners in condition monitoring, or as a supplement to more advanced instruments for evaluated shock pulse measurement. Weighing just 300 grams (335 grams for BearingChecker with internal probe) BearingChecker is a compact and handy instrument, easy to carry along on regular maintenance rounds. After completion of the round, measurement results can be transferred to a file for further processing, e.g. in Microsoft Excel.



The instrument measures shock pulse levels with an internal probe or external sensor/transducer. It can also be used as an electronic stethoscope for detecting machine sound irregularities.

With a 2.4" color screen and push-button operation, the instrument is designed for ease of use.



Rated IP65, BearingChecker can be used under the environmental conditions encountered in most industries.

The BearingChecker instrument can be used to monitor bearing condition on most rotating machinery, such as electric motors, fans, and pumps, in a diversity of industrial environments.

KEY FEATURES:

- Ergonomic design
- Color screen
- Intuitive graphical user interface
- Push-button operation
- Lightweight
- Rated IP65
- USB battery charging
- External or internal transducer
- Stethoscope function and connector for earphones (adapter not included)