

BearingChecker Bearing condition monitoring device



This easy in use, light weight instrument is used for fast, on-site condition assessment of all types of ball and roller bearings, in motors, gearboxes, pumps and fans. It is used for regular measurements at predefined positions and under similar operating conditions.

Timely detection of damaged bearings (heat or vibration) is important to improve machine reliability. The BearingChecker can also be used to identify lubrication and cavitation issues. Unplanned downtime and unnecessary repair work can be reduced by regular checking of a bearing condition.

This is the ideal instrument for beginners or a supplement to more advanced instruments for evaluated shock pulse measurement. It is easy to carry around on maintenance rounds. Afterwards, simply transfer measurement results 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.

- Ergonomic design, compact and lightweight
- Color TFT LCD 2.4" display and push button operation
- Measurement results can be transferred to a file e.g. Microsoft Excel
- Intuitive graphical user interface
- Protection class: IP65
- USB battery charging
- External or internal transducer
- Stethoscope function and connector for earphones (adapter not included)

Product specifications

Shock pulse measuring method	dBm/dBc, measuring range -9 to 90 dBsc, ± 3 dBsv
Probe type	Integrated probe
Operating temperature	-10 to + 50°C / 14 to 122 °F
Resolution	1°C
- Head phone mode	7 sound levels
- Condition indication	Green, yellow and red LEDs
- Measuring indication	Blue LED
- Protection class	IP65
- Display	2.4" Color TFT LCD Display
- Casing material	Copolyester/TPE
- Power / Operating time in hours	3.63V lithium-ion batteries or rechargeable USB, >25 hours of normal use
- Dimensions LxWxH mm	207 x 74 x 41
- Weight kg	0.335

Articles

No.	Article
780302	BETEX BearingChecker BC200 bearing condition meter
80333	CAB52 Measuring cable 1.5 mtr, mini coax - BNC slip on
80342	CAB94 Communication cable, USB-mini-USB, 1,5m
80323	TRA73 External transducer with probe
80325	TRA74 Transducer with quick connector for adaptors
80348	TRA75 Transducer with quick connector for adaptors, angled
80345	90647 Charger, 100-240 V, 50-60 Hz, 6 W
80346	93363 Cable adapter, mini coax - BNC
80347	93062 Cable adapter, BNC - TNC, plug-jack

