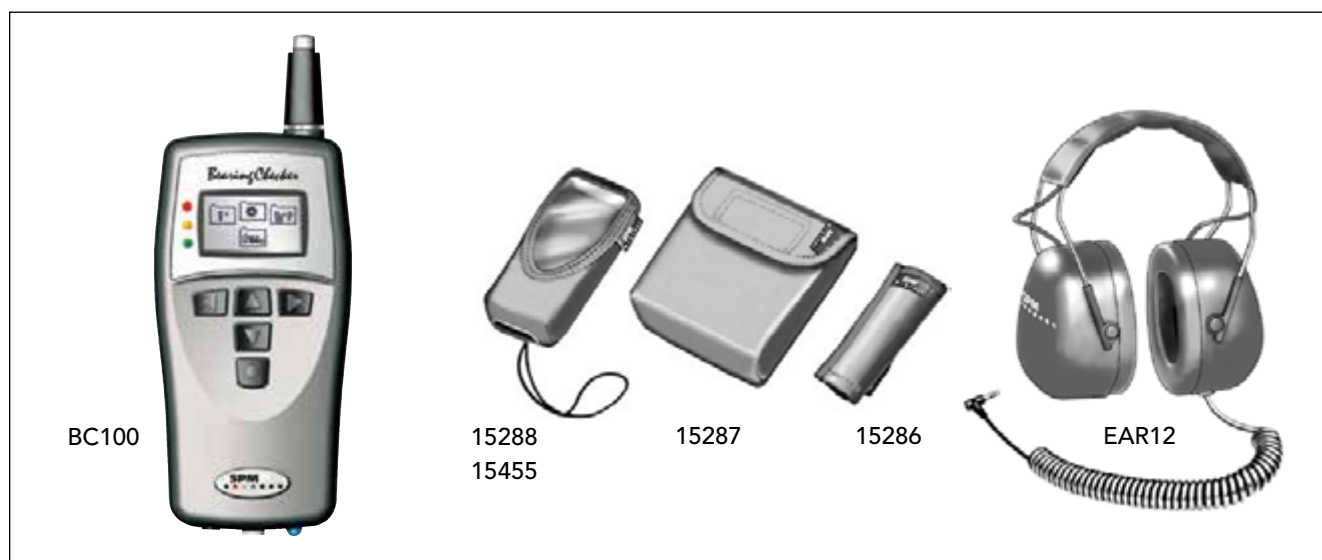


# Bearing Checker



Bearing Checker is a portable instrument for fast and easy measurement of bearing condition in preventive maintenance. The instrument is push button controlled and basic measurement data are entered manually.

Bearing Checker measures shock pulses with a built-in probe and machine surface temperature with an infrared sensor. The instrument can also be used as an electronic stethoscope for detecting machine sound irregularities.

## Technical data

|                               |                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material, casing:             | ABS/PC                                                                                                                                                                 |
| Size:                         | 158 x 62 x 30 mm<br>(6.2 x 2.4 x 1.2 in)                                                                                                                               |
| Weight:                       | 185 g (6.5 ounces) including batteries                                                                                                                                 |
| Keypad:                       | Sealed membrane (silicone rubber)                                                                                                                                      |
| Display:                      | Graphic monochrome, 64 x 128 pixels, LED backlight                                                                                                                     |
| Bearing condition indication: | Green, yellow and red light diodes                                                                                                                                     |
| Measurement indication:       | Blue light diode                                                                                                                                                       |
| Power supply:                 | 2 x 1.5 V AA batteries, alkaline or rechargeable                                                                                                                       |
| Battery life:                 | > 20 hours of normal use                                                                                                                                               |
| Operating temperature:        | 0 °C to +50 °C (32 °F to 122 °F)                                                                                                                                       |
| Input connector:              | Lemo coaxial, for external shock pulse transducers (probe or quick connector)                                                                                          |
| Output connector:             | 3.5 mm stereo mini plug for headphones                                                                                                                                 |
| General functions:            | Battery status display, transducer line test, metric or Imperial units of measurement, language independent menus with symbols, storage of up to 10 measurement values |

## Shock pulse measurement

Measurement technique: dBm/dBc, measuring range -9 to 90 dBsv,  $\pm 3$  dBsv

Transducer type: Built-in probe transducer

## Temperature measurement

Temperature range: -10 to +185 °C (14 to +365 °F)

Resolution: 1 °C (1 °F)

Transducer type: Thermopile Sensor TPS 334/3161, built-in contact free IR-sensor

## Stethoscope

Earphone mode: 8 level amplification

## Article numbers

BC100 Bearing Checker, excl. batteries and accessories

## Accessories

|       |                                              |
|-------|----------------------------------------------|
| EAR12 | Headphones with eardefenders                 |
| TRA73 | External transducer with probe               |
| TRA74 | Transducer with quick connector for adapters |
| CAB52 | Measuring cable, 1.5 m, Lemo - BNC slip-on   |
| 15286 | Belt holder for external probe transducer    |
| 15287 | Belt case for accessories                    |
| 15288 | Protective cover with wrist strap            |
| 15455 | Protective cover with belt clip              |
| 93363 | Cable adapter, Lemo - BNC                    |
| 93062 | Cable adapter, BNC - TNC, plug-jack          |