TKST 11

SKF Stethoscope

Easily pinpoints bearing and machine noise



The SKF Stethoscope TKST 11 is a high quality instrument which is used to perform maintenance and repair work. The use of this stethoscope facilitates the interception of acoustic phenomena on bearings, machines and other rotating parts to prevent failures. The TKST 11 includes a headset, two different length probes (70 and 300 mm), all supplied complete in a sturdy carrying case. Online pre-recorded audio samples are available for the TKST 11 demonstrating the most common encountered troublesome machine noises.

- User friendly and easy to operate, no special training required.
- Lightweight ergonomic design makes it easy to operate with one hand.
- Excellent sound quality helps to reliably identify the possible cause of the noise.
- Excellent quality headset for optimum sound quality even in very high noise environments.
- Supplied with two probes, 70 and 300 mm (*2.8 and 11.8 in.*) long.
- Adjustable volume control to reach desired volume.
- Pre-recorded demonstration samples and output for recording to facilitate analysis and comparison.

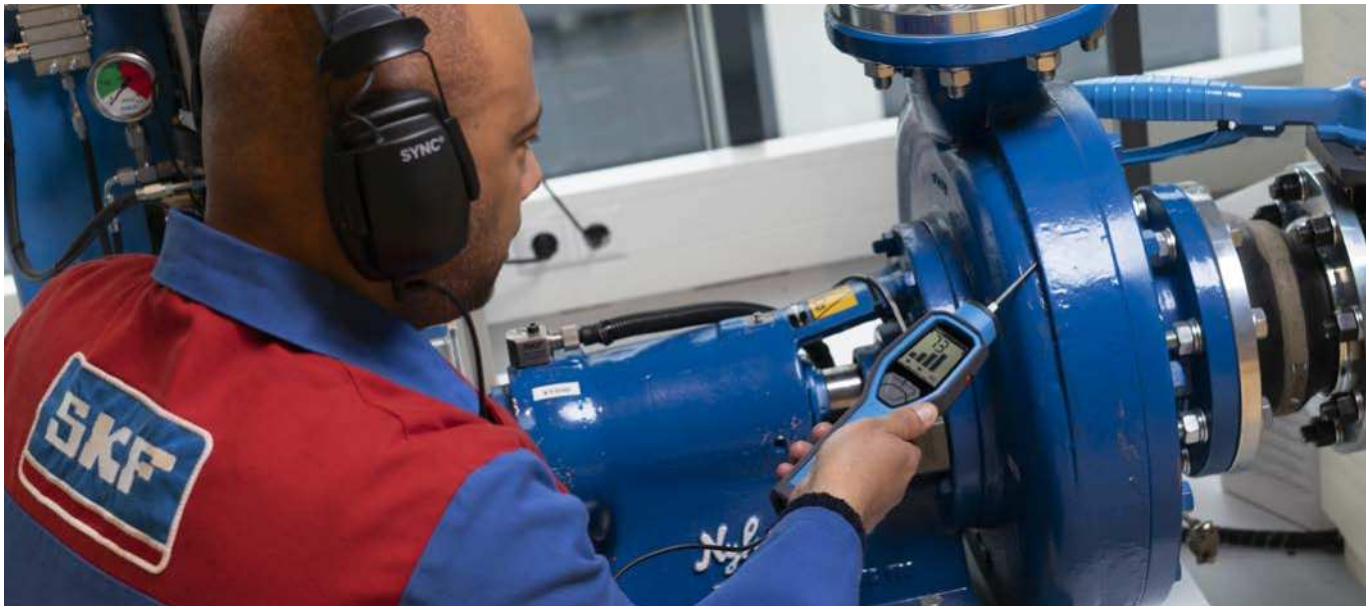


Online sound examples of an undamaged bearing, damaged inner ring, less damaged inner ring, damaged outer ring, damaged ball, contamination by ashes and cavitation.

Technical data

Designation	TKST 11
Frequency range	30 Hz– 15 kHz
Operating temperature	–10 to +45 °C (14 to 113 °F)
Output volume	Adjustable in 15 levels
LCD	Black and white display
Sound volume	Up & down
Battery low signal	Yes
Maximum recorder output	250 mV
Headset	32 ohm (with ear defender)
Auto switch off	Yes, after 5 min.
Battery	2 × AA Alkaline (included)
Battery lifetime	30 hours minimum

Dimensions handset	230 x 70 x 38 mm *(9 x 2.8 x 1.5 in)*
Probe length	70 and 300 mm *(2.8 and 11.8 in.)*
Case dimensions	360 × 110 × 260 mm *(14.2 × 4.3 × 10.2 in.)*
Weight	
Total	1670 g *(3.68 lb)*
Instrument	290 g *(0.64 lb)*
Headset	290 g *(0.64 lb)*
Case contents	1 × Instrument 1 × Headset 1 × Probe 70 mm *(2.8 in.)* 1 × Probe 300 mm *(11.8 in.)* 2 × AA Alkaline battery 1 × Instructions for use



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