

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	Dimensions handset	230 x 70 x 38 mm (9 x 2.8 x 1.5 in.)
Operating temperature	–10 to +45 °C (14 to 113 °F)	Probe length	70 and 300 mm (2.8 and 11.8 in.)
Output volume	Adjustable in 15 levels	Case dimensions	360 x 110 x 260 mm (14.2 x 4.3 x 10.2 in.)
LCD	Black and white display	Weight	
Sound volume	Up & down	Total	1670 g (3.68 lb)
Battery low signal	Yes	Instrument	290 g (0.64 lb)
Maximum recorder output	250 mV	Headset	290 g (0.64 lb)
Headset	32 ohm (with ear defender)	Case contents	1 x Instrument
Auto switch off	Yes, after 5 min.		1 x Headset
Battery	2 x AA Alkaline (included)		1 x Probe 70 mm (2.8 in.)
Battery lifetime	30 hours minimum		1 x Probe 300 mm (11.8 in.)
			2 x AA Alkaline battery
			1 x Instructions for use



[skf.com](https://www.skf.com) | [skf.com/mapro](https://www.skf.com/mapro) | [skf.com/lubrication](https://www.skf.com/lubrication)

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