

Application

For detecting, tracing and diagnosing the source of all kinds of machinery noise. Damaged bearings, valve chatter, tappet noise, piston slap, gear and pump noise and the operations of relays and solenoids are a few examples.

Description

The SKF electronic stethoscope is a hand-held instrument that is supplied in a sturdy carrying case complete with two probes, headset and a 9 V Alkaline battery. A special multilingual bearing demonstration CD describing typical bearing defects and related noise is included.

The noise or vibration from the machine is picked up by the stick probe and transmitted to a transducer. In the transducer the vibrations are converted into an electrical signal which is processed and amplified by the electronics of the instrument.

The handset has two outputs for the amplified signal. One is for connecting the headset, the other to connect a tape recorder. The headset is an approved ear defender in accordance with EN 352-1.1993 and pr EN 352-3.



Technical data

| Designation | TMST 2 |
|----------------------------|---------------------------------------|
| Frequency range | 30 Hz - 15 kHz |
| Operating temperature | 0 - 45 °C (32 -113 °F) |
| Output volume | Adjustable |
| Minimum recorder impedance | 1.000 Ohm |
| Maximum recorder output | 250 mV |
| Headset | 48 Ohm (with ear defender) |
| Battery | 9 V Alkaline IEC 6LR61 |
| Battery lifetime | > 20 hours |
| Led indicator | Power on Battery low |
| Dimensions | 190 x 60 x 30 mm (7.5 x 2.4 x 1.2 in) |
| Probe length | 60 and 290 mm (2.4 and 11.4 in) |
| Weight | |
| Instrument | 200 g (7 oz) |
| Headset | 250 g (9 oz) |

Replacement parts

| Designation | Description |
|-------------|----------------------|
| TMST 2-2A | High quality headset |
| TMST 2-3 | Probe set |
| MP 248 | Demonstration CD |

