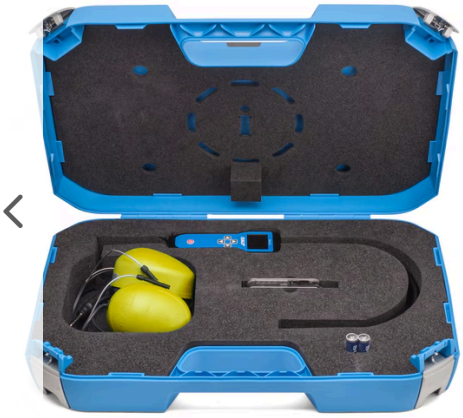

Image may differ from product. See specification for details.




TKSU 10

Ultrasonic leak detector

The SKF TKSU 10 is an ultrasonic leak detector that helps users to quickly find leakages in compressed air or vacuum systems. Leakages increase the load on the equipment and result in higher operation and maintenance costs. The TKSU 10 is very simple to use and helps users to easily find leaks from a distance, even in noisy industrial environments, via its ultrasound measurement sensor. The instrument features adjustable sensitivity and intuitive LED display gives guidance for superior leak detection results. The TKSU 10 is designed for use in all industries utilizing compressed air, and it is particularly recommended for paper and chemical industries, as well as workshops with air-driven power tools.

- Easy and intuitive to use. No training required
- Leak detection from a distance in noisy industrial environments
- High quality neckband headset for usage with protective helmets included
- Color LED display assists users in adjusting sensitivity settings and shows measurement values
- Independently adjustable sensor sensitivity and headset volume

Overview

Properties

Recommended applications	Detection of leaks in compressed air systems, pneumatics brake systems, vacuum systems, pressurized gas storage, and steam traps
Special features	Graphical or default streaming screen, Historical values, Amplification guidance, Continuous use mode, Volume control, Battery level, Auto switch off
Measurement method	Piezoelectric crystal
Measurement frequency	35 to 42 kHz
Measurement range	-6 to 99,9 dBµV, reference 0 dB = 1 µV
Signal amplification	+30 to +102 in steps of 6 dB
Display	160x128 pixels Colour OLED
Sound pressure level (max)	+83 dB with supplied headset
Headset impedance	230 Ω
Headset connector	Stereo jack connector of 1 /4 in.
Headset weight	0.5622 lb
Volume adjustment steps	5
Battery	2x AA (LR6) Alkaline (incl.)
Battery life	7 h
Auto switch off	Continues, 10 min, off
Power adapter	Not included but provided with mini-USB connection for continuous use
Instrument dimensions	158 × 59 × 39 mm
Instrument weight	0.7716 lb
Housing material	ABS plastic
Colour	Blue,Black
Degree of protection (IP)	IP 42
Operating temperature range	14 – 122 °F
Recommended storage temperature	-22 – 140 °F
Relative humidity	10 to 90%, non-condensing
Case dimensions (l x h x w)	530 × 110 × 360 mm
Content	Instrument Peltor HQ neckband headset Sensor USB charging cable Screwdriver Rubber nozzle for the sensor Instructions for Use MP5480 2x Battery AA Carrying case, size C

Logistics

Product net weight	6.9 lb
eClass code	23-05-19-01
UNSPSC code	41112202

Compatible products

Spare part

Spare tool case (empty) with inlay for Ultrasonic leak detector	TKSU 10-CC
Spare headset with neckband for Ultrasonic leak detector and Ultrasound lubrication checker	TKSU 10-HEADS
Spare ultrasound sensor for Ultrasonic leak detector	TKSU 10-PROBE

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