SKF Ultrasonic Leak Detector TKSU 10

Quick and easy detection of air leaks

The SKF TKSU 10 is an ultrasonic leak detector that helps users to quickly find leakages in compressed air or vacuum systems. The instrument is very simple to use and features adjustable sensitivity and intuitive guidance for superior leak detection results.
Any compressed air system can experience leaks, which amplify the load on compressors and increase costs.

The TKSU 10 helps users to easily find leaks from a distance, even in noisy industrial environments, via its ultrasound measurement sensor. The built-in OLED display assists the user in adjusting sensitivity and shows the measured ultrasound noise from leaking air, allowing the quantification of leaks and prioritization of repairs.

- Easy to use; no training required
- Leak detection from a distance in noisy industrial environments
- Color OLED display assists in adjusting sensitivity settings and shows measurement values
- Reduces energy and maintenance costs via leak identification and repair
- Lightweight, handheld device with industrial headset included
- Independently adjustable sensor sensitivity and headset volume
- Flexible probe helps find leaks in difficult-to-access locations
- Headset features neck-band design to wear with protective helmet

Sensor bandwidth
35 to 42 kHz

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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.

Technical data

Designation	TKSU 10
Measurement channel	1 channel via a 7 pole LEMO connector
Display	Color OLED
Keyboard	5 function keys
Measuring range	-6 to 99,9 dBµV (reference 0 dB = 1 µV)
Resolution	0,1 dBµV
Measurement bandwidth	35 to 42 kHz
Signal amplification	+30 to +102 by step of 6 dB
Amplification	5 adjustable positions in steps of 6 dB
Maximum output	+83 dB SPL with supplied headset
Headset	25 dB NRR Peltor HQ headset
Headset connector	Stereo jack connector of 6,35 mm *(1/4 in.)*
Battery	2 AA batteries
Battery life	7 hours
Operating temperature	–10 to +50 °C *(14 to 122 °F)*
IP rating	IP42
Housing material	ABS
Dimensions instrument	158 × 59 × 38,5 mm *(6.22 × 2.32 × 1.51 in.)*
Flexible rod length	445 mm *(17.51 in.)*
Weight instrument (incl. batteries)	*350 g (0.78 lb)*
Carrying case dimensions	530 × 110 × 360 mm *(20.9 × 4.3 × 14.2 in.)*
Total weight (incl. case)	3 kg *(6.6 lb)*

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