

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