

Features

- A small pocket-sized device that has a color display showing immediate air/gas leak intensity.
- Direct conversion of leakage size into loss costs.
- Automatically records peaks and stores their values in memory with the possibility of transfer to a PC via Wifi.
- Equipped with a jack connector for connecting soundproof headphones in a noisy environment.
- Powered by a Li-Po battery that lasts up to 8 hours.
- Super sensitive device based on the Heterodyne principle with a range of up to 6 meters.
- Identify and classify leaks in compressed air, gas, and vacuum systems, reducing energy costs.
- Detect leaks during full equipment operation, eliminating the need for production downtime.

RS PRO Ultrasonic Leak Detector

RS Stock No.: 0535047



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The KRYPTON-PRO detector works on the principle of ultrasound scanning, which is already outside the audible range for the human ear. The detector mixes this acoustic signal using heterodyne technology and converts it into an audible audio signal, which is further processed by a digital microprocessor.

The device is very easy to operate. After turning on, you aim at pipes or other pneumatic elements even from a distance of several meters and listen to the changes in the acoustic background – either through headphones, and shows the value of the leak on the colour display. Air leakage appears as a clear "acoustic hum". The device has dimensions of 117x79x33mm, which makes it suitable for use as a pocket device.

The detector directly converts leaks into financial losses, so you immediately know how much money is being lost from a given leak. You can import the data collected by the detector from the memory into a PC using Wifi connectivity. Then, you can recalculate leaks and losses or make leak inspection reports. The detector is primarily intended for finding hidden leaks in compressed air systems. However, it is also suitable for checking all types of gases, tightness and finding micro-leaks from air conditioning units, as well as for checking insulation damage on high-voltage wires.

FEATURES:

- Small, portable, shock-resistant device
- Color display showing real-time leak rate in l/min
- Conversion of measured leaks into financial losses in €, USD, etc.
- Recording of measured data with the option to transfer to a PC via Wifi
- Highly efficient detection range for micro-leaks
- Headphone jack suitable for any stereo headphones
- Laser pointer for precise identification even at longer distances
- Multi-stage active filters for stable operation
- Wideband equalized sensor
- Low-power design for extended battery life

General Specifications

Type	Heterodyne
Frequency range	20 –110 KHz
Bandwidth	+/-2KHz
Display	TFT 2,8" 240x320 pix. 32 million colors
Operating temperature	0°C to 38°C (32°F to 100°F)
Weight	180 Gram with battery
Dimensions	117 x 79 x 33 mm (5.8 x 3.1 x 1.3 in.)
Battery	Built-in rechargeable battery Li-Ion, 3,7V
Battery life per charge	8 Hours
Charging plug	USB-C type
Case	Shock-resistant ABS plastic
Audio connector	3.5mm stereo jack

Laser pointer	Power <1mW, Effective range 10m, Point diameter at 5m: 4mm
Detector sensitivity	0,05l/min. –30cm, 0,3l/min. –3m, 2l/min –14m, 10l/min –25m

Similar Products

Stock No.	Brand	Product Name	Headphones included
0535049	RS PRO	Ultrasonic Leak Detector	No
0535047	RS PRO	Ultrasonic Leak Detector KIT	Yes

ACCESSORIES INCLUDED WITH 0535049:

- Case with foam insert
- USB cable for charging
- User's manual

ACCESSORIES INCLUDED WITH 0535047:

- Hard case with foam insert
- USB cable for charging
- Audio cable 1m
- Active Headphones with listening (batteries included)
- Leak location tags – 30 pcs
- User's manual