

# LEAKChecker

## FIND LEAKS... CUT COSTS



### Focused

Compressed air leaks are a senseless waste of energy. Find and fix them fast with SDT LEAKChecker; an ultrasound solution focused on reducing waste and saving you money.

### Simple

LEAKChecker is so easy to use. Simply open the box, switch it on, and start finding leaks. Enjoy crystal-clear sound in the headset and a vibrant colour display. LEAKChecker makes leak surveying fun again.

### Affordable

Air leaks are an expensive problem... and LEAKChecker is the affordable solution. Built with SDT quality, it's offered at a price that will leave you speechless.

Create leak reports fast with

 **LEAKReporter**



Download for free today



Ultrasound Solutions

[sdtultrasound.com/leakchecker](http://sdtultrasound.com/leakchecker)

# LEAKChecker Features

## Description

LEAKChecker is an ultrasound solution designed to find compressed air and vacuum leaks in noisy environments. Measure the level of the leak with LEAKChecker, then estimate its cost impact with the LEAKReporter App, available for free on the App store.

LEAKChecker comes with a 16mm diameter replaceable ultrasound sensor.

## Kit Contents

- LEAKChecker
- USB Cable
- Headphones
- Carrying case



General	
Function	Ultrasound measurement device
Display	160x128 pixels 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 in steps of 6 dB
Response time	<9 milliseconds
Minimum sensitivity	-31dB (@40 kHz, 0 dB-1 V/μbar) Equal to a flow rate up to 10 <sup>-3</sup> std. cm <sup>3</sup> /sec.
Environmental	
Operating temperature range	-10 to +50 °C   14 to 122°F
IP rating	IP42
Mechanical	
Housing material and weight	ABS, 200g   7.05oz
Dimensions housing	158x59x38.5 mm   6.22"x2.32"x1.51"
Flexible rod length (includes replaceable sensor tip)	445 mm   17.51"
Power	
Battery	2 AA batteries
Autonomy	4 hours
Audio	
Amplification	-24 to 0 dB in steps of 6 dB
Maximum output	+83dB SPL with 25dB NRR Peltor HQ SDT headset

## The SDT Checkers Range :

Ultrasound detectors that solve four major reliability problems.

**LEAKChecker** : Find compressed air and vacuum leaks

**TRAPChecker** : Assess the condition of traps and valves

**LUBEChecker** : Optimize bearing lubrication

**TIGHTChecker** : Verify the tightness of closed volumes



### SDT: Leader in ultrasound detection

SDT provides ultrasound solutions that help our customers gain a better understanding about the health of their factory. We help them predict failures, control energy costs, and improve product quality while contributing to the overall reliability of their assets.



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