LEAKChecker

FIND LEAKS... CUT COSTS

SDT LEAKChecker
17.8 A=72

SDT LEAKChecker
−6.6   −6.9

**Dual Measure Mode.
Switch between static and live
streaming with a single button push.**

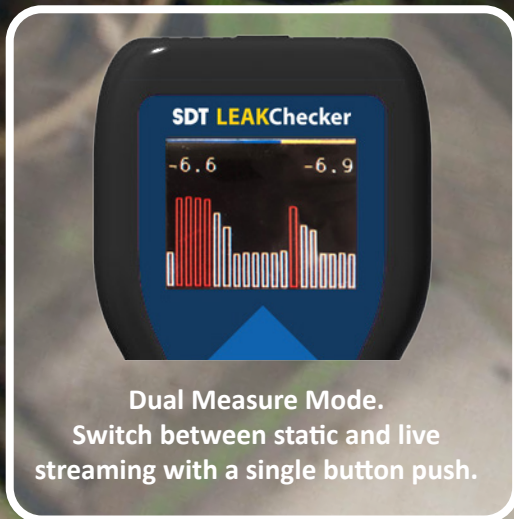### Focused

Compressed air leaks are a senseless waste of energy. Find and fix them fast with 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

LeakReporter
SDT Ultrasound Solutions

Download for free

1.888.610.7664   www.calcert.com   sales@calcert.com

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
- Screwdriver
- 2 AA Batteries
- Carrying case

General	
Function	Ultrasound measurement device
Display	160x128 pixels Color OLED
Keyboard	5 function keys
Typical measurement range	-6 to 99.9 dBµV (reference 0 dB = 1 µV)
Resolution	0.1 digits
Measurement bandwidth	35 to 42 kHz
Signal amplification	+30 dB (built-in sensor gain) to +102 dB by step of 6 dB
RMS period time	250 milliseconds (main screen) / 3 sec (bar graph)
Sampling frequency	64 kHz
ADC Resolution	12 bits
Minimum sensitivity	-31dB (@40 kHz, 0 dB-1 V/µbar)
Environmental	
Operating temperature range	-10 to +50 °C |14 to 122°F
IP rating	IP42
Standards	EN 61326-1:2013, EN 55011:2016 + A1:2017, EN 61000-4-2:2009, EN 61000-4-3:2006 + A1:2008 + IS1:2009 +A2:2010
Mechanical	
Housing material	ABS
Dimensions housing	158x59x38.5 mm |6.22"x2.32"x1.51"
Flexible rod length (Removable sensor)	445 mm |17.51"
Weight	350g | 12.35 oz
Battery/Utility connector	USB Mini-B 5-pin
Power	
Battery	2 AA batteries
Autonomy	7 hours
Audio	
Operable with	SDT provided head set only
Maximum audio output (protection)	+83dB SPL with SDT headset
Headset	25dB NRR Peltor HQ headset

The SDT Checkers Range: Ultrasound detectors for every application and budget.

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.

HATCHecker: When hatch cover tightness matters.

ULTRAChecker: Check everything.

SDT: leader in acoustic detection for industrial maintenance

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.

HEAR MORE SDT Ultrasound Solutions

The LEAKChecker is part of the SDT product range that combines robustness and high performance.
It is available through our worldwide authorized distributor network.