

ULTRAChecker

CHECK EVERYTHING



Versatile

The SDT ULTRAChecker covers all airborne and structure-borne ultrasound applications. Connect any 2nd generation ultrasound sensor from SDT. ULTRAChecker delivers end-to-end reliability through the 8 application pillars of ultrasound.

Simple

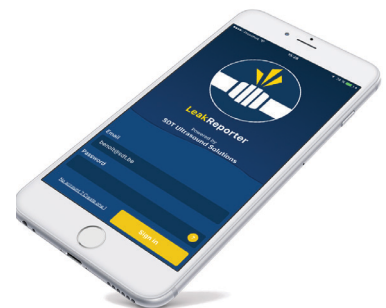
ULTRAChecker is the easiest to use detector we've ever created. Every push on its simple, 4-button keypad is displayed on its clear, colour display. Increase or decrease signal amplification while maintaining safe listening levels through volume-controlled headphones.

Affordable

Air leaks, over-greased bearings, failed steam traps, the ULTRAChecker finds them all. 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/ultrachecker

ULTRAChecker Features and Specifications

Description

SDT ULTRAChecker is an ultrasound solution designed to use the full range of both airborne and structure-borne 2nd generation ultrasound sensors. ULTRAChecker supports end-to-end reliability through the 8 application pillars of ultrasound. SDT ULTRAChecker comes with our ULTRASense airborne sensor and the RS2T threaded sensor.

Kit Contents

- SDT ULTRAChecker
- ULTRASense Sensor
- RS2T Threaded Sensor
- Curved Magnetic Foot
- 5.24 inch Needle assembly
- Sensor cable
- USB cable
- Headphones
- Screwdriver
- 2 AA batteries
- Carrying case



| General | |
|-----------------------------|--|
| Function | Ultrasound measurement device |
| Operable with | SDT FlexID2, SDT LUBESense, SDT RS2 Needle, SDT AIRSense, SDT ULTRASense |
| Measurement channel | 1 channel via a 7 pin LEMO connector |
| Display | 160x128 pixels Color OLED |
| Keyboard | 5 function keys |
| Measurement range | -6 to 99.9 dBμV (ref 0 dB = 1 μV) |
| Measurement resolution | 0.1 dB |
| Measurement bandwidth | 35 to 42 kHz |
| Signal amplification | +0 to +102 dB by step of 6 dB |
| Environmental | |
| Operating temperature range | -10 to +50 °C 14 to 122°F |
| IP rating | IP42 |
| Mechanical | |
| Housing material | ABS |
| Dimensions housing | 158x59x38.5 mm 6.22"x2.32"x1.51" |
| Weight | 164g 5.78oz |
| Power | |
| Battery | 2 AA batteries |
| Autonomy | 7 hours |
| Audio | |
| Amplification | 5 adjustable positions in steps of 6 dB |
| Operable with | SDT provided head set only |
| Maximum output | +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.

HATCHChecker : 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.



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