

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**



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Ultrasound Solutions

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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 dB μ V (ref 0 dB = 1 μ V)
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.



Authorised Partner



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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.