TRAPChecker

KEEP YOUR TRAPS SHUT

Focused

Inefficient steam systems waste energy and impact product quality. TRAPChecker is an ultrasound solution focused on finding failed steam traps. It works on every style of trap and failure mode.

Simple

TRAPChecker is so easy to use. Simply open the box, connect the sensor, and hear the difference between a good and bad steam trap. Its vibrant colour display offers repeatable, accurate, digital measurements.

Affordable

As much as 40% of your steam traps could be operating in a failed state. The low entry cost of TRAPChecker and the high cost of energy, could see your investment recovered the first time you use it.

Needle contact sensor



Accurate, Robust, Repeatable

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sdtultrasound.com/trapchecker

TRAPChecker Features

Description

The TRAPChecker is an ultrasound solution designed to assess the condition of steam traps and valves. The TRAPChecker detects internal turbulence by defective steam traps and passing valves.

The TRAPChecker works with SDT's RS2 Needle Contact Sensor.



Kit Contents

- TRAPChecker
- Headphones
- Sensor cable
- USB Cable
- Carrying case
- RS2 Needle Contact Sensor.

General	
Function	Ultrasound measurement device
Operable with	SDT RS2 Needle Sensor
Measurement channel	1 channel via a 7 pole LEMO connector
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 by step of 6 dB
Response time	<9 milliseconds
Environmental	
Operating temperature range	-10 to +50 °C |14 to 122°F
IP rating	IP42
Mechanical	
Housing material and weight	ABS, 164g | 5.78oz
Dimensions housing	158x59x38.5 mm |6.22"x2.32"x1.51"
Sensor connector	7-pole female LEMO
Battery/Utility connector	USB Mini-B 5-pin
Power	
Battery	2 AA batteries
Autonomy	4 hours
Audio	
Amplification	-24 to 0 dB by step 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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SDT International s.a./n.v.
Bd de l'Humanité, 415
B-1190 Brussels (Belgium)
Tel: +32(0)2-332 32 25
Email: info@sdt.be

SDT North America
1532 Ontario Street
Cobourg, ON (Canada)
Toll free: 1-800-667-5325
Int'l direct: 1-905-377-1313
Email: info@sdthearmore.com

The TRAPChecker is part of the SDT product range that is available through our worldwide authorized distributor network.