LUBEChecker

GREASE BEARINGS RIGHT



Focused

Poor lubrication practices are a leading cause of bearing failure. LUBEChecker is an ultrasound solution focused on optimizing grease replenishment. It is the perfect companion for performing lubrication on condition based intervals.

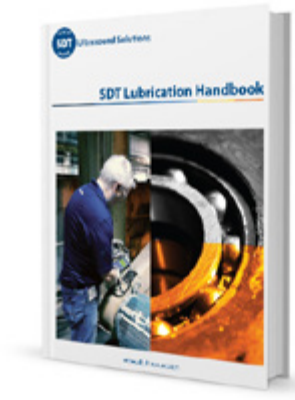
Simple

LUBEChecker is so easy to use. Simply open the box, connect it to your grease gun, and hear the difference. Its vibrant colour display offers repeatable, accurate, digital measurements that guide you to a precision result every time.

Affordable

Failed bearings and excessive grease consumption gnaw away at your bottom line. LUBEChecker is the affordable solution. Built with SDT quality, it's offered at a price that makes you want to Hear More.

SDT Lubrication Handbook



Download for free today on our website

HEAR SDT MORE **Ultrasound Solutions**

sdtultrasound.com/lubechecker

LUBEChecker Features

Description

LUBEChecker is an ultrasound solution designed to optimize bearing lubrication. This intuitive device ensures bearings receive the right amount of grease at intervals dictated by condition, not run time. LUBEChecker uses SDT's LUBESense, a robust, repeatable sensor built to withstand harsh conditions.



Kit Contents

- LUBEChecker
- Headphones
- Grease gun attachment
- LUBESense
- Sensor cable
- Flat & Curved Magnetic Feet
- Curved Magnetic Foot
- Lube Adaptor
- USB Cable
- Carrying case

General	
Function	Ultrasound measurement device
Operable with	SDT LUBESense
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 in steps 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
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.

HEAR SDT MORE Ultrasound Solutions

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