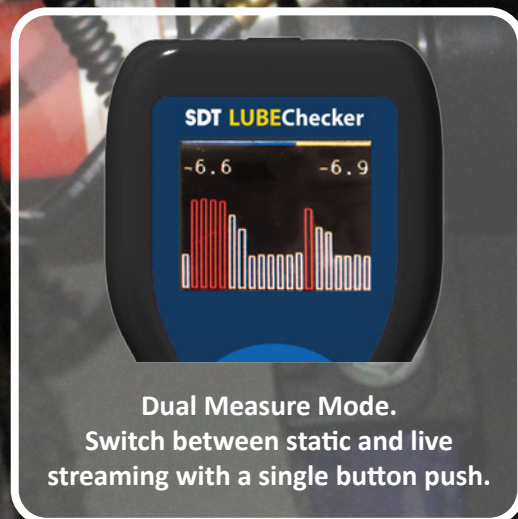


# LUBEChecker

## 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.

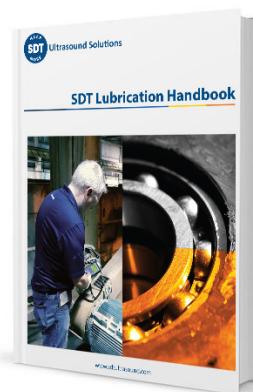
### Simple

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



Ultrasound Solutions

[sdtultrasound.com](http://sdtultrasound.com)

# 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 LUBESense1, a robust, repeatable sensor built to withstand harsh conditions.

## Kit Contents

- LUBEChecker
- LUBESense1
- Lube Adaptor
- Grease gun attachment
- Flat Magnetic Foot
- Curved Magnetic Foot
- Sensor cable
- USB Cable
- Headphones
- Screwdriver
- 2 AA Batteries
- Carrying case



General	
Function	Ultrasound measurement device
Operable with	LUBESense1
Measurement interface	1 channel via a 7 pole LEMO connector
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 to +102 dB by step of 6 dB
RMS period time	250 milliseconds (main screen)
Sampling frequency	64 kHz/ksps
ADC Resolution	12 bits
Environmental	
Operating temperature range	-10 to +50 °C   14 to 122°F
IP rating	IP42
EMC approvals	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"
Weight	164g   5.78oz
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	25 dB NRR Peltor quality headphones

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