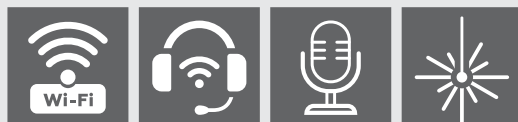
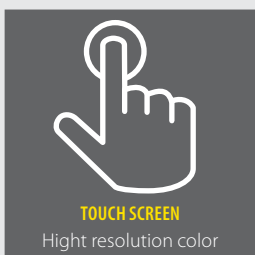


ULTRASONIC LEAK DETECTOR S531



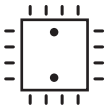
Find possible leaks — leak detector for pneumatic systems

S 531 FEATURES



Touch Screen

High resolution 3.5" color touch screen



Mass Storage

Almost unlimited memory for leak records, photos and voice recording



Wireless Connection

Wireless connection to headset



Data transmission through Wi-Fi

WiFi to upload/download survey data and settings



Photograph leak parts

Build in camera to take photo of leak locations



Voice Recording

Voice recorder for voice memos



Laser

Pinpoint locations with laser pointer



Detect from distance

Finds leaks in compressed air system easily even from distance



Analysis

Records leak information for statistics and repair



Loss calculate

Calculates air loss in m3/h or in local currency



Noise reduction

Integrated noise reduction



Long Working Hours

Battery capacity for up to 6 hours



S 531 APPLICATION

S 531 is an ultrasonic leak detector that helps users quickly find and record leakages in compressed air or any gas systems. The built-in touch screen assists the user easy operation in leak detecting. Photographing and voice recording make leak surveys more flexible and efficient.

S 531 is designed to work with SUTO LMS (Leak Management System) to enable companies to properly manage their leakage detection and repair activities, either through cloud based service or local server installation.

Contents of Set



Ultrasonic tone generator

S 531 BENEFITS

- Finds leaks in compressed air system easily even from distance
- Full support for Leak Surveys with the SUTO Leak Management System (LMS)
- The perfect tool for professional leak detection
- Fast return on investment
- Easy to use, but powerful in performance

Cost saving

Compressed air is one of the most expensive energy forms. In Germany alone, 60,000 pneumatic systems consume 14,000,000,000 kWh electricity every year. 15% to 20% of this could easily be saved (Peter Radgen, Fraunhofer Institute, Karlsruhe). A large portion of these costs are caused by leaks in compressed air systems, allowing the air to "escape" unused.

Calculation example at 0.6 MPa:

1 hole of 1mm diameter = 270 EUR/year



Ultrasonic Leak Detector S 531



Leak detection with focus tube



Leak detection from distance with the integrated laser pointer

S 531 TECHNICAL DATA

General Specifications	
Principle of measurement	Ultrasonic leak detection
Measuring medium	Compressed Air, refrigerants and any compressed gases
Measurement bandwidth	35 – 45 kHz
Plug	3.5 mm stereo phone jack for head set
Operating temperature	0 °C ... 40 °C
Battery life	About 6 hours without WiFi on
Charging temperature	10 °C ... 45 °C
Charging time	Around 1.5 hours
Housing material	PC + ABS
Interface	Wireless connection to headset USB for charging and data exchange
Display	3.5" colour LCD
Laser pointer	640 ... 660 nm wavelength 0.4 ... 0.5 mW output power
Camera	5.0 Mega Pixel
Headset	Noise isolated

S 531 ORDERING

Please use the following table to assist in placing your order with our sales staff.



Visit our website or e-mail us:
www.suto-itec.com
sales@suto-itec.com

S 531 ULTRASONIC LEAK DETECTOR	
Order No.	Description
P601 0104	S 531 Leak Detector Set, Battery charger and accessories in transport case
P560 0104	S 531 Leak Detector
A554 0114	Noise isolated headset, cable with 3.5 mm jack plug
A530 0101	Focus tube and focus tip
A554 0117	Battery charger
A554 0118	Transport case S 531
A554 0122	Leak tags to mark found leaks, 100 pieces
Additional accessories not included in the set:	
A554 0121	Parabolic dish for leak detection at long distance
A554 0103	Ultrasonic tone generator
R200 0070	Calibration S 531