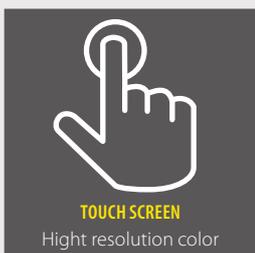


# S531 Ultrasonic Leak Detector



# Find possible leaks — **leak detector for pneumatic systems**



## S531 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



### 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

Export data to LMS for statistics and repair



### Loss calculate

Calculates air loss in m<sup>3</sup>/h or in local currency



### Noise reduction

Integrated noise reduction



### Long Working Hours

Battery capacity for up to 8 hours

## S531 APPLICATION

S531 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.

S531 is designed to work with SUTO LMS (Leak Management Software) to enable companies to properly manage their leakage detection and repair activities.

### Scope of delivery



Option: Ultrasonic tone generator to be used in pressure less systems. The generator emits ultrasonic waves which can be detected by the S531.

## S531 BENEFITS

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



Ultrasonic Leak Detector S531



Leak detection with focus tube



Leak detection from distance with the integrated laser pointer

## S531 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 ... 40 °C
Battery life	About 8 hours
Charging temperature	10 ... 45 °C
Charging time	Around 3 hours
Housing material	PC + ABS
Interface	Wireless connection to headset USB for charging and data exchange Wi-Fi
Display	3.5" colour LCD
Laser pointer	Wavelength: 640 ... 660 nm Output power: < 1.0 mW
Camera	5.0 Mega Pixel
Headset	Noise isolated, wireless

## S531 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](http://www.suto-itec.com)  
[sales@suto-itec.com](mailto:sales@suto-itec.com)

S531 ULTRASONIC LEAK DETECTOR	
Order No.	Description
<b>P601 0104</b>	<b>S531 Leak Detector Set, Battery charger and accessories in transport case</b>
P560 0104	S531 Leak Detector
A554 0119	Noise isolate/canceling headset, wireless
A530 0101	Focus tube and focus tip for accurately pinpointing
A554 0123	Trumpet for locating leaks over longer distances
A554 0117	Battery charger
A554 0118	Transport case S531
A554 0122	Leak tags to mark found leaks, 100 pieces
<b>Additional accessories not included in the set:</b>	
A554 0103	Ultrasonic tone generator
R200 0070	Calibration S531