

S530 Leak Detector for Pneumatic Systems



Find possible leaks — save costs of running compressors



S530 FEATURES



TO USE
Find leaks in minutes



NOISE ISOLATED
HEADSET
Inaudible signals
easily to be heard



POINTER
To spot the leak



LONG BATTERY LIFE



S530 APPLICATIONS

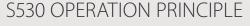
the cost of compressed air.

• Leak detection in compressed air, refrigerants, simply of any gas!

Leaks in compressed air systems can significantly increase

The detection of leaks is an important maintenance requirement which can be done by soapy water or in a more convenient way with ultrasonic leak detectors like S530.

- Insulation test of doors and windows
- Detection of partial electrical discharges causing damages on insulations



When gases are leaking through tubes and tanks, an ultrasonic sound is produced which can be detected by the S530 even from several meters away. The S530 transforms these inaudible signals into a frequency which can be easily heard by using the supplied noise isolated headset. The integrated laser pointer helps to spot the leak from distance. In unpressurized systems, an ultrasonic tone generator can be used whose sound will leak through small openings.



Contents of Set







Option: Ultrasonic tone generator to be used in pressure less systems. The generator emits ultrasonic waves which can be detected by the S530.

S530 ORDERING

S530 Leak Detector		
Order No.	Description	
P601 0103	S530 Leak Detector set consisting of:	
P560 0102	S530 Leak Detector	
S605 0001	Sensor unit	
A554 0114	Noise isolated headset	
A530 0101	Focus tube and focus tip	
A554 0001	Battery charger	
A554 0101	Transport case \$530	
Additional accessories not included in the set:		
A554 0103	Ultrasonic tone generator	

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 S530



Leak detection with focus tube



Leak detection from distance with the integrated laser pointer



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