Rapid detection of compressed air leaks

Hand-held device for an easy location of leaks

- The smallest leaks are detected and visualised on the display
- The amount of loss is calculated directly along with the savings potential
- The free reporting software helps simplify ISO 50001 documentation

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Description	Order no.
Hand-held device for the location of leaks, including headphones, power supply and carrying case	**SDL100**

Rapid location of detected leaks

The hand-held device for the location of leaks is an ideal complement for the sensor-based monitoring of the compressed air system. Firstly, data analysis can be used to detect the leak and confine it to a certain area. Then the hand-held device is employed. It can rapidly and easily identify, measure and document the leak from a loss of just 0.1 litres per minute.

Transparency over the cost of leaks at one glance

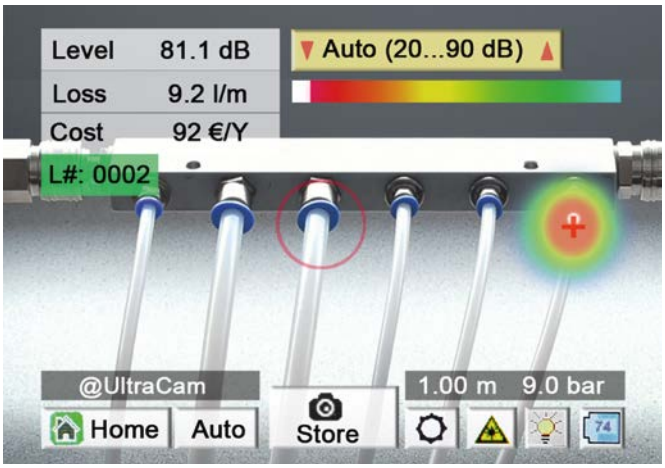
The SDL100 is equipped with 30 ultrasonic microphones, laser distance measurement, camera and a 3.5-inch display. The microphones detect leaking sounds even at high ambient noise levels. The inaudible ultrasound is converted and delivered as an acoustic signal to the headphones. What is more, the leak is visualised in the live camera image on the display. The ongoing compressed air loss and its cost incurred are displayed, too.

Simplified reporting according to ISO 50001

On site, all information about the leak and its maintenance can be digitally recorded on the SDL100 and then transferred to the free software using a data stick. This simplifies reporting according to ISO 50001.

Find out more about our integrated solutions for efficient compressed air monitoring.
ifm.com/cnt/compressed-air

Technical data		
Operating frequency (tolerance)	[kHz]	40 (±2)
Sensitivity		0.1 l/min, at 6 bar, 5 m distance
Operating temperature	[°C]	-5...50
Laser class		2
Weight	[g]	698



The SDL100's display shows all relevant information about the leak. The leak itself (shown right in the image) is also visualised.

BEST FRIENDS

SD compressed air meter
Detecting flow and pressure in the pipe system

PQ pressure sensor
Detects the system pressure in pneumatic systems

MK cylinder sensor
Position detection and condition monitoring in one go

For further technical details, please visit: ifm.com/fs/SDL100