

Ultrasonic leak detector LD 300

By means of the instrument LD 300 leakages in an ultrasonic range with a diameter from approx. 0.1 mm can be easily detected. The telescopic extension is perfect to find leakages in pipelines up to a height of 6 m.

Ultrasonic leak detector with laser



SPECIAL FEATURES

- Precise locating by means of laser
- Focus tube avoids influence by ambient noise
- Noise isolated headset

APPLICATIONS

Determination of leakages at:

- Compressed air lines, gas, vapour and vacuum plants
- Refrigerating plants
- Door seals

Focus tube with focus tip avoids influence by ambient noise and enables precise locating of leakages



Holding device of LD 300 at the telescopic extension

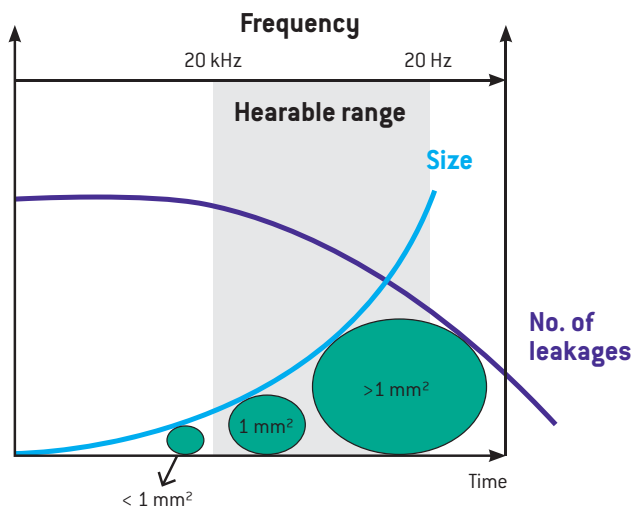


Telescopic extension helps locating leakages in pipelines up to a height of 6 m

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COST SAVING

In Germany 60,000 compressed air plants use 14,000,000,000 kWh electrical energy per year. 15% to 20% could be easily saved (Peter Radgen, Fraunhofer Institut, Karlsruhe). Most of these costs are caused by leakages in the compressed air system. The air “escapes” unused. **1 hole with a diameter of 1 mm = 270 EUR/year**
The LD 300 will be payed off after 4 leakages.



DESCRIPTION

Set LD 300 ultrasonic leak detector consisting of:

- LD 300 ultrasonic leak detector	0560 0102
- Ultrasonic sensor	0605 0001
- Noise isolated headset	0554 0102
- Focus tube with focus tip	0530 0101
- Cable to detach sound probe from instrument	0553 0101
- Battery charger	0554 0001
- Transport case	0554 0101

ADDITIONAL ACCESSORIES, NOT INCLUDED IN THE SET:

- Ultrasonic tone generator	0554 0103
- Telescopic extension 3 x 120 cm	0530 0102

ORDER NO.

0601 0103

TECHNICAL DATA LD 300

Working frequency:	40 kHz \pm 2 kHz
Connections:	1) 4-pole connection for headset and battery charger 2) 3.5 mm stereo socket for sensor and cable connection
Laser:	wave length: 655...660 nm output power: 0.4...0.5 mW
Energy supply:	internal NiMH battery
Operating duration:	approx. 6 hours without laser, approx. 4 hours with laser
Charging time:	approx. 1.5 hours
Operating temp.:	0 to 40 °C
Storage temp.:	-10 to 50 °C
Telescope:	3 x 120 cm