

Principle:

Every year, leaks in compressed air and gas installations result in substantial, unnecessary energy costs. If gases escape unused due to leakage, ultrasonic noise that cannot be heard by the human ear is created. The LS 200 leak detector picks up even smallest leaks from a distance of several metres. It transforms the inaudible signals into a frequency which is indicated both visually and audibly – by the display and through the padded headset that is shipped with the unit. The LS 200 leak detector is the advancement of the proven LS 100 and it convinces and its improved support in the tracing of leaks. Optimized display by larger display. By means of the integrated laser pointer which serves for target heading the leak can be localized more accurately. Better bundling of the sound waves is achieved using a specially designed horn. This horn acts like a directional microphone, whereby interfering background noises are suppressed and very precise localisation of leaks, even in areas difficult to access, is facilitated.

Applications:

Leak detection in compressed air, gas, steam and vacuum systems (not suitable for helium)

Advantages:

- Fast and simple measurements, even from a distance of several metres
- Measurements can be carried out "on the fly" without disrupting operation
- High cost saving means a short payback period
- Not affected by the presence of wind or airborne contaminants because the acoustic frequency is in the ultrasound range

Included in the handy carrying case:

- Leak detector with ultrasonic sensor
- Focus tube with focus tip
- Acoustic trumpet
- High-comfort, padded headset
- Battery charger / power plug
- Carrying case



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|--------------------------|--|
| Working frequency | 40 kHz ± 2 kHz |
| Connection | Mains adapter socket for external charging unit 3.5 mm jack plug for headphones |
| Laser as an visual tools | Wave length: 645...660 nm, Output power: < 1 mW |
| Power supply | Lithium-ion battery with high capacity, external recharger |
| Operating time | Approx. 10 hours |
| Charging time | Approx. 1.5 hours |
| Operating temperature | 0 °C to 40 °C |
| Storage temperature | -10 °C to 50 °C |

Leak detector

| Art. No. | Type No. | Description |
|----------|----------|--|
| 134679 | LS 200 | Leak detection device incl. accessories in a carrying case |