



Leak detector, Type: LS250



Order data

Order number	080198 LS250
GTIN	4067263097983
Item class	08A

Description

Version:

The LS 250 leak detector can detect even the smallest leaks from a distance of several metres. It conveys the inaudible ultrasound into a frequency that can also be detected visually using the display and acoustically using the supplied soundproof headphones. The LS 250 impresses with its sensitive sensor technology, which effectively improves the detection of leaks. The integrated laser pointer serves as a target bearing, so that the leak can be precisely located. By using a specially designed acoustic trumpet, improved focussing of the sound waves is achieved. This trumpet acts as a directional microphone, suppressing disturbing background noise and facilitating pinpoint location of leaks even in hard-to-reach areas. In addition, the LS 250 has a large touch display.

Advantage:

- **Easy and fast measurement, even from several meters away.**
- **During operation, measurements can be taken without affecting operation.**
- **Short amortisation period of the device due to high cost savings.**
- **No interference from loud background noise, as the acoustic frequency operates in the ultrasound range.**

Function:

IP20: Protected against penetration by foreign bodies with $\varnothing < 12$ mm, however touching should be avoided, and offers no protection against water.

Application:

Leak detection in compressed air, gas, steam and vacuum systems.

Supplied with:

- **Leak detector with ultrasonic probe.**
- **Focus tube with focus tip.**
- **Acoustic trumpet.**
- **Soundproof, ergonomic headphones.**
- **Power adapter/charger.**
- **Carrying case.**

Note:

Not suitable for helium.

Technical description

Power supply	Mains operated
Charging time per battery	4 h
Operating temperature	-5 - 50 °C
Working frequency	40 (+/- 2) kHz
Working time	10 h
Storage temperature	-20 - 60 °C
Connection format	3.5-mm jack plug
Connection format	Power supply socket
Battery voltage	7.4 V
Type of rechargeable battery	Lithium-ion
Number of rechargeable batteries contained	1
Replaceable battery	no
Length	263 mm
Degree of contamination	2
Laser	Wavelength 630-660 nm
Weight including rechargeable battery	0.55 kg
Width	96 mm
IP Index of Protection	IP 20
Application	Indoor use
Interface	USB interface

Height	280 mm
Type of display	3.5-inch touch panel, TFT transmissive
Laser class	Class 2
Type of product	Leak detector