



Stethophon® 04



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Compact sound detector for water leak detection

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The **Stethophon® 04** is an electronic sound detector for recording and amplifying structure-borne sound oscillations of all kinds.

The oscillation sensor provides undistorted sound reproduction even when the noise is barely audible. A ground microphone can be connected to the **Stethophon® 04** for listening to sounds below ground.

The filter function allows the users to listen to the sound at the frequency that best suits their hearing and the particular noise being listened to. The filters make it easier to hear certain noises such as the deep-pitched sounds typical from leaks in plastic pipes and higher frequencies from metallic pipes.

The hearing protection feature automatically ensures that the headphones are muted when loud noises suddenly arise to protect the operator.

To help with the leak location, the digital display shows not only the current lowest noise level but also displays the previous location's lowest measured noise allowing the operator to see if he is getting nearer or further from the sound source.



Components

- 1 Stethophon® 04 with detachable test rod
- 2 Headphones S4
- 3 Bag S4
- 4 Ground microphone BM 04
- 5 Test rod extensions M6 / 450 mm or alternatively M6 / 180 mm

Applications

- Used as a fast leak detector in water networks
- Examination of house service lines when the water meter is read
- Examination and localisation of damages in compressed air systems
- Detecting defects in the plumbing and heating installations of buildings
- Check on machine bearings

Specifications

External ground microphone and headphones (3.5 mm jack plug each)

Filter function, mute control

Hearing protection function

Digital display of noise intensity complete with memory function

Remaining battery operating time

Display: illuminated, segmented

Power supply: 2 AA batteries

Operating time: approx. 8 hours

Operating temperature: -10 °C ... +50 °C

Storage temperature: -25 °C ... +70 °C

Type of protection: IP 54 (spray protected)

Weight: approx. 250 g

Dimensions (W x H x D): approx. 50 x 212 x 30 mm (with test tip)