

Products | Water leak detection



Acoustic water leak detection

There are various systems available for acoustic water leak detection, starting with a sturdy test rod for prelocating leaks, to a compact hand-held receiver, right through to a professional system consisting of a receiver, test rod and ground microphones for prelocating and pinpointing leaks.



AQUAPHON® system with A 200 receiver

Ideal for leak detection in pipe networks

- Quick and reliable user guidance through applications
- Wireless, convenient operation thanks to radio components
- Quick and accurate leak detection with intelligent filters
- Integrated audio player for direct on-site comparison of leak noises
- Waterproof (IP67)



AQUAPHON® system with A 150 receiver

Small and handy meets premium microphone technology compact – universal – reliable

- High-quality piezo microphones with specially optimised frequency responses
- Automatic frequency scan for reduced sound interference and optimum frequency selection
- Powerful rechargeable batteries for long availability
- Ultralight for effortless carrying



AQUAPHON® system with A 50 receiver

Competitively priced, entry level system for professional acoustic water leak detection

- Long availability; a full charge lasts one working week
- Wireless headphones reduce sound interference
- Ultralight for effortless carrying
- Frequency ranges can be adapted to individual hearing



AquaTest T10

Robust test rod for acoustic water leak detection in outdoor areas

- Innovative combination of electronic amplifier and test rod without cumbersome cables
- Outstanding noise quality, using superior microphone technology
- Informative visualisation of the noises in the display to assist the user
- No irritating operating noises in the headphones thanks to the new sensor field
- Individual adjustment of the filter bands, volume and hearing protection function for optimum detection of noises
- Two product variants are available - with and without the SDR radio module



Stethophon® 04

Compact hand-held receiver for acoustic water leak detection in buildings

- Wireless headphones with digital signal transmission (SDR)
- Connection option for an external ground microphone
- 8 filter levels
- Hearing protection function
- Numeric display of minimum noise level (0 to 999)

Correlators

Here you will find an overview of the various correlators, from a compact system with analogue microphone technology to a professional PC correlator with digital microphone technology.

SeCorr® C 200

Water leak detection by correlation
professional – flexible – intelligent



- Portable high-performance correlator for pinpointing leaks in underground pipelines in preparation for excavation
- Easy measurement of different pipe sections, pipe materials, diameters and pipeline lengths
- Sophisticated firmware allows almost fully automated measurement sequence
- Independent optimisation of measuring results thanks to automatic selection of suitable filters
- User-friendly display of measuring results: concrete information about the position of the leak instead of complicated curves requiring interpretation
- Waterproof (IP67)
- Convenient, reliable touch screen operation – even with gloves
- Extensive system components, e.g. microphones for picking up structure-borne noise and hydrophones

SeCorr® 300

Professional PC correlation – perfect results thanks to fully digital technology



- Digital, high performance radio
- Digital microphones and hydrophones
- Superior location of damage to plastic piping
- Wide variety of options for data analysis in the PC software

Combi devices

Combi devices not only make financial sense, they are also popular because every method has its limits and weaknesses. Cleverly combining all the advantages maximises the certainty of exactly pinpointing the leak. That is why SEWERIN combi devices are the perfect solution for all detection tasks.

AQUAPHON® AF 100

Combined acoustic water leak detection and pipe location



- Acoustic water leak detection
- Acoustic pipeline location
- Electronic pipeline location on metal pipelines
- Electronic pipeline location on non-metal pipelines

SeCorrPhon AC 200

Correlator and acoustic water leak detector combined
professional – flexible – intelligent



- Multifunctional leak detector with three functions in one: prelocation, pinpointing and correlation
- Brilliant sound quality for minimising sound interference
- Quick and accurate leak detection with intelligent filters
- Integrated audio player for direct on-site comparison of leak noises
- Quick and reliable user guidance through applications
- Independent optimisation of measuring results thanks to automatic selection of suitable filters
- User-friendly display of measuring results: concrete information about the position of the leak instead of complicated curves requiring interpretation
- Extensive system components for acoustic water leak detection (e.g. carrying rod, touch and ground microphones) and for correlation (e.g. microphones for picking up structure-borne noise and hydrophones)

Noise loggers

There are various noise level loggers available. Both mobile loggers for the early detection of leaks in the water pipe network, and noise loggers for stationary monitoring.



SePem® 100 / 150

**Noise logger for monitoring water pipe networks:
sturdy – convenient – reliable**

- Protection class IP68
- Bidirectional radio
- Housing made of stainless steel and a special plastic, which is also used for waste water pump housings
- Highly-sensitive piezo microphones specially optimised for leak detection
- Transmitted telegram contains minimum noise level, width and frequency of noise



SePem® 300

Noise logger for the stationary monitoring of water pipe networks

- No extra data costs
- No need to install SIM card
- Always on best mobile phone network
- Measurement data sent by email
- Excellent durability (> 4 years)

Measuring instrument for leak detection with tracergas

The gas inspection method for professional leak detection and leak testing involves feeding a volatile, odourless, tasteless and non-combustible gas (tracergas) into the pipeline being tested. This gas can then escape into the ground from all potential leak spots right across the pipeline. The tracergas diffuses very quickly to the surface where it can be picked up using a highly-sensitive gas leak detector.



VARIOTEC® 460 Tracergas

The specialist for leak detection with tracergas and hydrogen

- Gas-sensitive semiconductive sensor highly resistant to interference from moisture and methane
- Extended measuring range of thermal conductivity sensor up to 100% vol. hydrogen
- Measuring results transferable by USB port

Would you like to know more about the devices and matching accessories? You will find more detailed information in the respective individual brochures or on our website www.sewerin.com.