



# ***Finding water leaks efficiently***

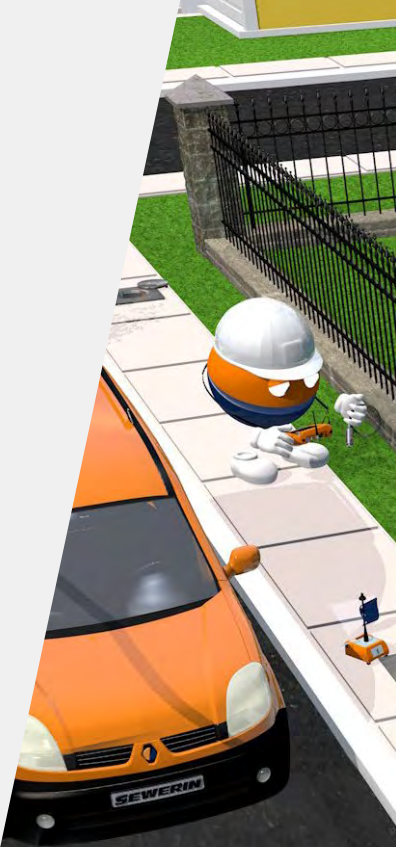
Professional solutions for water leak detection



# ***Effective Leak Detection for Sustainable Water Management***

Leaks in water networks can lead to high costs and loss of resources. Sewerin offers modern solutions for precise water leak detection – from acoustic methods to tracer gas technologies. Our systems are designed to efficiently reduce water losses and ensure a reliable supply.

Whether for supply networks, building installations or network monitoring – Sewerin has the right technology for every application. This brochure provides you with an overview of our high-performance products, clearly organized by application area. Find out which system best fulfils your requirements.





# Acoustic Leak Detection

## Professional Solution for Advanced Applications

State-of-the-art technology for precise and fast leak detection.

### AQUAPHON® system with A 200 receiver



Scan for detailed product information:



- + Fast, accurate acoustic leak detection
- + Integrated audio player enables users to compare stored samples with actual situations
- + Wireless headphones and Microphones allow free movement during use
- + High-quality sound filtering for perfect adaptation to operators' hearing preferences
- + Automatic hearing protection against sudden loud noises
- + High-performance microphones for perfect sound recognition
- + Portable, high-performance design
- + User-friendly touchscreen operation
- + Intuitive user interface
- + Documentation with WaterCom software
- + GNSS positioning

## Compact and Precise Acoustic Leak Detection

The AQUAPHON® A 150 is a versatile device for precise leak detection, featuring sensitive microphones and intelligent filters for mains and service lines.

### AQUAPHON® system with A 150 receiver



Scan for detailed product information:



- + High-quality piezo microphones
- + Automatic frequency scan
- + Long-lasting rechargeable batteries (up to 50 hours)
- + Ultralight and ergonomic design
- + Wireless headphones minimize interference

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## **The Entry-level System for Acoustic Leak Detection**

Lightweight and easy to operate, ideal for initial leak detection in the field with wireless technology for interference-free measurements.

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### **AQUAPHON® system with A 50 receiver**

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- + Long-lasting rechargeable batteries (up to 50 hours)
- + Wireless headphones minimize interference
- + Adjustable frequency ranges
- + Ultralight and portable backpack solution



Scan for detailed product information:



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## **Robust Test Rod for Fast On-site Leak Detection**

The AquaTest T10 is ideal for initial preliminary investigations in the field. Wireless design and highly sensitive microphone technology enable precise acoustic leak detection.

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### **AquaTest T10**

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- + Wireless ground mic test rod combo
- + Superior noise quality
- + Visual noise display
- + No disruptive headphone noises
- + 8 preset filter levels
- + Available with or without SDR (Sewerin Digital Radio) module



Scan for detailed product information:



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**➤ Compact Electronic Listening Device for Indoor and Outdoor Prechecks**  
The Stethophon® 04 is a handy device for prelocation and pinpoint leak detection.

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**Stethophon® 04**

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- + Wireless headphones with digital transmission
- + Connects to external ground microphone
- + 8 preset filter levels
- + Hearing protection function
- + Numeric noise level display

Scan for  
detailed product  
information:



# Correlators

## **High-performance correlator for metallic and non-metallic pipes**

The SeCorr® C 200 is a powerful correlator for fast and precise leak detection over long distances – optimized for all pipe materials and diameters.

### **SeCorr® C 200**



Scan for  
detailed product  
information:

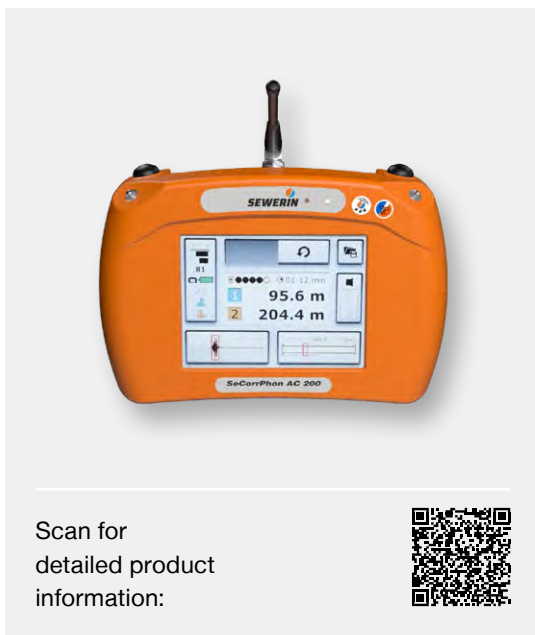


- + Works with various pipe materials and diameters
- + High-performance microphones and hydrophones
- + Indicates peak quality in correlation
- + Automated filter optimization assists the operator to evaluate correlated results
- + Interference suppression ensures only best suitable sounds are used for correlation
- + Sound velocity measurement allows to reduce the influence of sound velocity to the correlation results
- + Portable, high-performance design
- + User-friendly touchscreen operation
- + Intuitive user interface
- + Documentation with WaterCom software

## **Combination device for pre-location, localization and correlation**

The SeCorrPhon AC 200 combines three functions in one device: pre-location, pinpoint location and correlation for precise leak detection on buried pipes.

### **SeCorrPhon AC 200**



- + Fast, accurate acoustic leak detection
- + Users can compare stored samples with actual situations
- + Wireless headphones and Microphones allow free movement
- + High-quality sound filtering
- + Automatic hearing protection against sudden loud noises
- + High-performance microphones for perfect sound recognition
- + Works with various pipe materials and diameters
- + High-performance microphones and hydrophones
- + Indicates peak quality in correlation
- + Assists the operator to evaluate correlated results
- + Reduces the influence of sound velocity to the correlation results
- + Portable, high-performance design and user-friendly touchscreen
- + Documentation with WaterCom software
- + GNSS positioning

# Network Monitoring

## **Radio Noise Logger for Mobile Water Network Monitoring**

The SePem® 155 enables early leak detection in water networks. Compact and flexible, it is managed with the SePem® 01 Master.

### **SePem® 155 with SePem® 01 Master**



- + Battery life time of up to 5 years
- + Lift & Shift: Move the loggers easily within your water network
- + Highly sensitive microphones and hydrophones
- + Simple leak noise indicator
- + Covers up to 1,600 feet
- + Adaptable to different network types

Scan for  
detailed product  
information:



# Leak Detection with Tracer Gas

## ➤ For Challenging Leak Detection Tasks

The VARIOTEC® 460 Tracergas is a specialist in detecting leaks using hydrogen as a tracer gas. Its innovative sensor technology ensures precise and efficient results.

### VARIOTEC® 460 Tracergas



- + Fast hydrogen-based surface leak detection
- + Pinpoint leaks in boreholes
- + Digital display for clear results
- + High sensitivity down to 0.1 ppm

Scan for  
detailed product  
information:



# Microphones

## Touch microphone TM 200



- + For pre-locating leaks on fittings

## BM 200 ground microphone



- + For detecting leaks (pinpointing) and locating pipes on paved surfaces

## BM 230 ground microphone



- + For detecting leaks (pinpointing) and locating pipes on unpaved surfaces

## UM 50 130/280 mm long



- + For inspecting difficult to access exposed pipelines

## Universal microphone UM 200 130/280/600 mm length



- + For detecting leaks and locating pipes on paved and unpaved surfaces and on fittings

## EM 35 piezo microphone



- + For indoor leak detection

## Microphone selection

Refer to this table to find the right microphone for your Sewerin product.

	Stethophon® 04	AQUAPHON® A 50	AQUAPHON® A 150	AQUAPHON® A 200	SeCorr® C 200	SeCorrPhon AC 200
TM 200			✓	✓		✓
BM 200			✓	✓		✓
BM 230			✓	✓		✓
UM 50 4.26 ft.		✓				
UM 200 4.26 ft.			✓	✓	✓	✓
UM 200 9.18 ft./19.68 ft.					✓	✓
EM 35	✓					



## ***Sewerin in the USA and Canada***



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Subject to technical changes.