Finding water leaks efficiently

Professional solutions for water leak detection

Sustainable network operation and efficient water loss management

Leaks in water supply networks are extremely costly and result in the loss of the valuable and often scarce resource of drinking water. Sewerin's state-of-the-art solutions help you efficiently reduce water loss and guarantee a reliable supply.

Regardless of whether your goal is to test drinking water distribution networks or systematically monitor your supply lines – Sewerin has the right solution for every application. This brochure provides you with an overview of these high-performance products. Discover which Sewerin system best meets your needs.

Professional solutions for water leak detection with sufficient accuracy for excavation

The professional solution for discerning users

Superior leak detection – from pre-location to precise pinpointing.

AQUAPHON® system with A 200 receiver

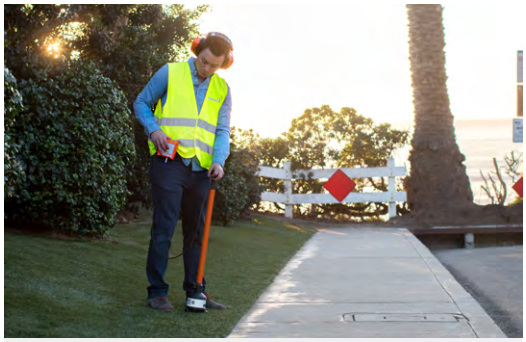
Scan for detailed product information:

- Reliably locate noises using high-quality piezo microphones with specially optimised frequency responses
- Locate leaks quickly and precisely thanks to optimised filter settings
- Wireless and convenient operation thanks to radio components
- GNSS position can be saved (Global Navigation Satellite System)
- Compare leak noises on site using the integrated audio player
- Integrated hearing protection function
- Quick and reliable user guidance through applications
- Documentation with WaterCom software
- Protection class IP67

Locate leaks and pipes accurately with this compact solution

Easy to handle and state-of-the-art technology for precise results.

AQUAPHON® system with A 150 receiver



Scan for detailed product information:

- Reliably locate noises using high-quality piezo microphones with specially optimised frequency responses
- Automatically scan frequencies to facilitate optimal frequency choice and reduce sound interference
- Locate pipes precisely with the optional FS 150 antenna
- Long operating time thanks to powerful batteries (up to 50 hours)
- Extremely lightweight for convenient carrying
- Protection class IP65

Your entry-level system for professional leak detection

Lightweight and easy to operate.

AQUAPHON® system with A 50 receiver

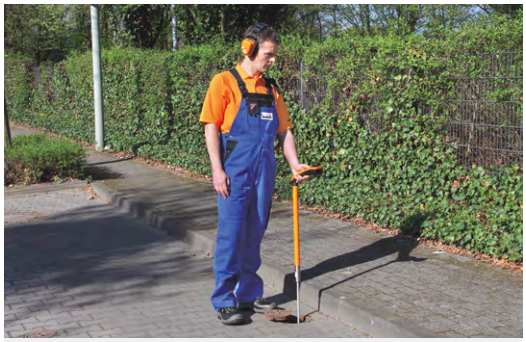
Scan for detailed product information:

- Long operating time: A full charge lasts one working week
- Reliably locate noises using high-quality piezo microphones
- Wireless headphones reduce sound interference
- Frequency ranges can be adapted to individual hearing
- Work comfortably with the ultralightweight, portable rucksack solution
- Protection class IP65

Your robust test rod for quick pre-location

Reach the first assessment quickly – directly at the hydrant, slide gate or house connection.

AquaTest T10



Scan for detailed product information:

- Wireless receiver-test rod combination
- Outstanding sound quality thanks to highly sensitive microphone technology
- Digital measurement value display
- No disturbing activation sounds thanks to sensor area
- 8 pre-set filter levels
- Available with or without SDR module (Sewerin Digital Radio)
- Protection class IP65

Your compact receiver for indoor water leak detection

Ideal for pre-location and pinpointing.

Stethophon® 04

Scan for detailed product information:

- Wireless headphones with digital signal transmission (SDR – Sewerin Digital Radio)
- Connection option for one external ground microphone
- 8 filter levels can be set
- Integrated hearing protection function
- Numeric display of minimum noise level (0 to 999)

Your specialist for demanding tasks in areas with no sound or pressure

Examples include long supply lines or swimming pool supply lines.

VARIOTEC® 460 Tracergas

Scan for detailed product information:

- Uses hydrogen as the detectable part of the tracer gas
- Extraordinarily resistant to interference from moisture and methane
- High sensitivity up to 0.1 ppm or 100 % vol. H_2
- Precise Pinpointing in bar holes
- Digital measurement value display for clear results

Correlators for safe and efficient water leak detection with smart measuring logic

Your portable high-performance correlator

For pinpointing leaks in metal and non-metal underground pipelines in preparation for excavation.

SeCorr® C 200

Scan for detailed product information:

- Reliably locate sounds using high-quality piezo microphones with specially optimised frequency responses
- Suitable for all pipe materials, diameters and lengths
- Automated measuring procedure thanks to intelligent firmware
- Automatic filter setting for optimised results
- Blocks out interfering correlation peaks
- Integrated sound velocity measurement
- Clear display of leak location instead of curve display
- Also easy to operate when wearing gloves
- Protection class IP67

One device for pre-location, pinpointing and correlation

Flexible and powerful – the complete solution for professionals.

SeCorrPhon AC 200

Scan for
detailed product
information:

- Reliably locate sounds using high-quality piezo microphones with specially optimised frequency responses
- Brilliant sound quality
- GNSS position can be saved (Global Navigation Satellite System)
- Locate leaks quickly thanks to optimised filter setting
- Compare leak noises on site using the integrated audio player
- Quick and reliable user guidance
- Blocks out interfering correlation peaks
- Integrated sound velocity measurement
- Clear display of leak location instead of curve display
- Documentation using WaterCom software
- Sturdy system case perfectly protects all components/accessories (includes charging function)
- Protection class IP67

Your reasonably priced stationary solution

Your reasonably priced stationary solution

Continuous network monitoring – Data transmission with LoRaWAN®.

SePem® 351 | SePem® 352

Scan for detailed product information:

- Daily data transmission via LoRaWAN® – data sent up to 3 times a day
- Typical battery life of up to 9 years (SePem® 351) or 12 years (SePem® 352)
- Can be integrated into existing network information systems
- Installation on existing valves with the help of the SePem® Install app
- SePem® 351 | 352 HY variants available for transport pipelines (up to 16 bar)
- IP68 protection rating – for continuous use even in submerged manhole covers
- Complies with the requirements of the Red Cyber Security Act

Logger for pipeline network monitoring

Efficient mobile monitoring of your water supply network

SePem 100 | 150

Scan for detailed product information:

- Can be flexibly positioned in street caps
- Manage and read up to 500 loggers with the SePem® 01 Master
- Battery life of up to 5 years
- Lift & Shift: slight movement of the loggers in the supply network
- Display of minimum level
- Protection class IP68

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 50 130/280 mm		✓				
UM 200 130 mm			✓	✓	✓	✓
UM 200 280/600 mm					✓	✓
EM 35	✓					

Together we are protecting both people and vital resources.

It is not always easy to stay current. The services we provide ensure that your devices are always ready to use, your networks are safe and your team is always up to speed. Whether you are interested in inspection services, training or custom vehicle solutions – we are here to support you with our expertise and experience.

Pipeline inspection

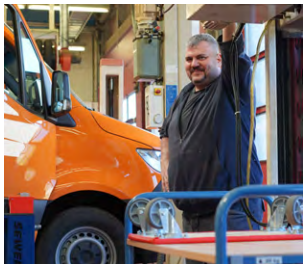
Unable or unwilling to carry out pipeline inspections on your own? No matter if your top priority is safety or you simply want to meet your reporting obligation arising from the EU Methane Regulation – our highly trained and experienced specialists will gladly support you. In addition to traditional pipe network inspection our service also includes precise pipeline location, particularly when it comes to plastic pipes using the innovative SeViRO method, as well as odorant control.

Device service

Your are protecting both human life and the environment. That is why it is so important for the technical solutions you use to always be reliable and ready for use. Our device service is here for you – we provide stationary measurements from Gütersloh, or mobile measurements at your site. We have nine service technicians that travel across the country. They will professionally service the devices and carry out minor repairs. This helps you minimise downtime.

Seminars

The European supply industry is undergoing massive changes. That is why it is all the more important for you and your staff to stay up to date. The Sewerin seminars bring together the theoretical knowledge of technology and regulations and its practical application in our training developed in house. Experienced instructors present the content to you clearly and are always up to date with the latest developments.



Vehicle upgrades

The efficiency of your work largely depends on having the right technical solutions. This holds true for devices as well as emergency and leakage service vehicles fitted out perfectly to meet your needs. Our experienced team plans and realises individual vehicle designs, perfectly tailored to your specific requirements. In so doing we pay particular attention to functionality, ergonomics and quality so that your mobile workstation is as efficient and convenient as possible.

Building services

Do you want to focus on your core business? The building services department at Sewerin Service GmbH takes over the regular inspection and maintenance of gas and water installations as well as electrical systems in various buildings for you. Our range of services covers the monitoring and technical servicing of installation plants, gas pressure regulating devices and meter replacement. Preventative maintenance measures allow us to ensure the safety and longevity of your building services systems.

Do you have questions? Call us.

How do you reduce water loss despite skills shortages and demanding regulatory requirements? How do you detect damage early and protect your infrastructure over the long term? Let's talk. Our Service and Sales Team is here for you.

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107488 – 08/2026
Subject to technical changes.