AQUASCOPE 3 ®
Digital Acoustic Water Leak Locator

GUTERMANN

AQUASCOPE 3 ©
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Technical Specifications

Display mode	Simultaneously showing real time signal and minimum noise profile	**Dimensions**	
Filters	All band and infinitely adjustable with a narrow band-width	Ground microphone	Ø 150mm x 150mm (Ø 5.9" x 5.9")
		Hand probe microphone	Ø 35mm x 200mm (Ø 1.4" x 7.9")
Memory	Last 8 measurements	Pocket ground microphone	Ø 82mm x 93mm (Ø 3.2" x 3.7")
Display	LCD with backlight	Amplifier:	150mm x 100mm x 50mm (5.9"x3.9"x2")
Power	4 standard 1.5 V alkaline batteries	**Weight**	
Battery life	Typically 60 operating hours	Ground microphone	1.6 kg (3.5 lb)
Operating temperature	-20°C to +50°C (-4°F to +122°F)	Hand probe microphone	0.4 kg (0.9 lb)
		Pocket ground microphone	0.26 kg (0.57 lb)
		Amplifier	0.27 kg (0.6 lb)

Whether used with a ground microphone, electronic listening stick or a pocket microphone, the AQUASCOPE 3 is a reliable tool for any leakage operator.

Lightweight, robust, versatile and low-maintenance acoustic detector designed for plumbers and experienced leakage technicians alike.

System Configuration

AQUASCOPE 3–G
Ground Microphone Kit

1 Amplifier with waist belt
1 Ground microphone
1 Stereo headphones
1 Connecting cable
1 Operating manual
1 Training CD
2 Year Warranty

Optional Accessories
· Carry case
· Aviation quality headphones

AQUASCOPE 3–L
Listening Stick Kit

1 Amplifier with waist belt
1 Hand probe microphone
3 Probe rods
1 Tripod foot
1 Stereo headphones
1 Magnetic connector
1 Connecting cable
1 Operating manual
1 Training CD
2 Year Warranty

Optional Accessories
· Carry case
· Aviation quality headphones

AQUASCOPE 3–C
Combined Professional Kit

1 Amplifier with waist belt
1 Ground microphone
1 Hand probe microphone
3 Probe rods
1 Tripod foot
1 Stereo headphones
1 Magnetic connector
1 Connecting cable
1 Operating manual
1 Training CD
2 Year Warranty

Optional Accessories
· Carry case
· Aviation quality headphones

AQUASCOPE 3–PM
Pocket Ground Microphone Kit

1 Amplifier with waist belt
1 Pocket ground microphone with trigger cable
1 Stereo headphones
1 Operating manual
1 Training CD
2 Year Warranty

Optional Accessories
· Carry case
· Aviation quality headphones
· Magnetic connector
· Ground plate
· 1 Extension rod and 1 pointed rod

GUTERMANN

Gutermann AG
Sihlbruggstrasse 140
CH-6340 Baar, Switzerland
T. +41 41 7606033
F. +41 41 7606034
E. info@gutermann-water.com
W. gutermann-water.com

Your Nearest Distributor

AUSTRALIA · CANADA · FRANCE · GERMANY · MALAYSIA · MEXICO · PERU · SWITZERLAND · UK · USA

AQUASCOPE 3 ®
Digital Acoustic Water Leak Locator

Providing superior sensors, greater amplification and Minimum Level Profiling, the AQUASCOPE 3 will help leakage operators find more leaks.

Kit Options

Practical design and high portability

The AQUASCOPE 3 is designed by leak detection professionals for leak detection operatives. With high quality connectors, light-weight yet robust amplifier housing and cables designed to reduce trip hazards, the AQUASCOPE 3 is the ultimate instrument even for long working days.

The amplifier strap enables the operator to wear the unit either around the chest or the waist.

A universal headphone jack lets you work with your favourite headphones.

Simple and straight forward operation

The AQUASCOPE 3's powerful built-in features are simple to operate. The unique one-button design and simple menu guidance render the AQUASCOPE 3 the perfect leak locating tool for any field operator, irrespective of his level of leak detection experience.

The filter settings are extremely user friendly. Experienced operators can find difficult leaks using an adjustable narrow bandwidth filter setting to suppress any unwanted interference and background noise.

The backlight function allows for night work when required.

High-quality and maintenance free

The AQUASCOPE 3 uses high-performance sensor technology and the most durable components.

The result is greater amplification and higher sensitivity with a very clear noise which is class-leading in the industry.

The robust design of all the cords and connectors and the use of Double A batteries make the AQUASCOPE 3 a maintenance-free system with practically no downtime and very low running costs.
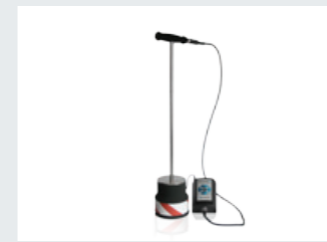
A sturdy carry case gives the AQUASCOPE 3 adequate protection for daily use.

"Minimum Level Profiling" function

While some acoustic devices give the user a straight "leak value", the AQUASCOPE 3 allows the user to record a leak value that is independent of passing traffic and other ambient noises. This gives the leak operative valuable information in his survey process.

Minimum Level Profiling latches to the lowest noise detected at each sounding. The last eight readings are displayed to show if the operator is moving away or towards the leak. The leak is closest to the highest value of all the recorded minimum noise levels.

1. With Ground Microphone

This ground microphone 'foot' is robust, weather proof and acoustically shielded against non-leak interference. It incorporates the same high-performance sensor especially developed for leak noise correlator technology.
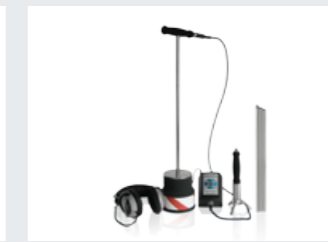
The ground microphone is particularly suitable for leak surveys on flat grounds and roads.

2. With Electronic Listening Stick

The versatile hand-probe incorporates a handle and the same high-performance sensor as the microphone foot.
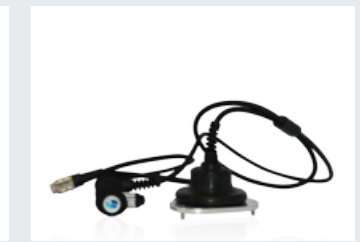
It allows direct listening on fittings, includes three extension rods to adapt to on-site conditions, and is delivered together with a magnetically attachable tripod foot, allowing leak location on soft ground or even in swimming pools.

3. Combined Professional Kit

The Combined Professional kit includes both the ground microphone foot and the versatile hand-probe for leak sounding in any situation.
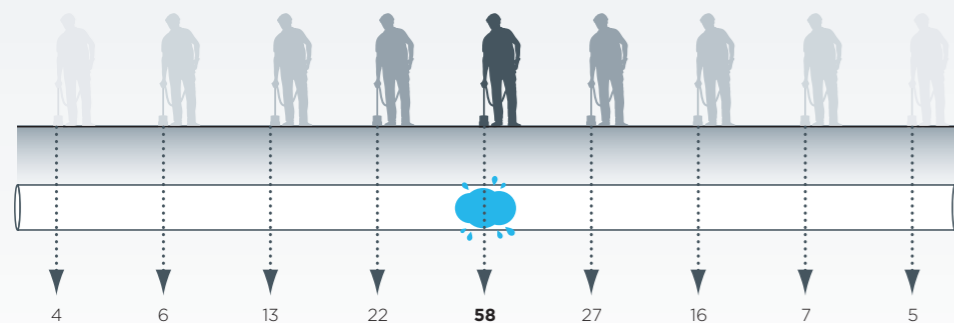
The set can be dismantled to fit into one comfortable carry case.

4. With Pocket Microphone

The Pocket Microphone is the answer for any leakage operator who is looking for absolute portability, flexibility and an affordable price-tag while keeping the power and functionality of an AQUASCOPE 3.

With the option to install listening stick rods, a magnet or a ground plate, this pocket ground microphone is a versatile tool to localise and pinpoint a wide range of leaks.

| 4 | 6 | 13 | 22 | **58** | 27 | 16 | 7 | 5 |

Memorized Signals

Filter 600Hz
Volume
Signal 58

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