MAY 2020 PRODUCT CATALOG

WWW.PIPE-TOOLS.COM
1-866-246-1828
INFO@PIPE-TOOLS.COM

WELCOME!

Pipe Tools is a leading provider of professional tools for water and sewer professionals. We offer a full line of water leak detection, locating and monitoring tools to service many types of end users.

OUR MISSION IS TO **SAVE WATER,** BE GOOD **STEWARDS OF THE ENVIRONMENT,** AND TO **PREVENT INEFFICIENCIES.**

Pipe Tools serves the lower 48 states with dedicated sales representatives that can recommend products based on your needs and location. Based in Pennsauken, New Jersey, our experienced sales staff understand the industry and know the best equipment to get the job done.

Please Note the Following:

A) Prices shown are based on published manufacturer list price

B) These prices shown are subject to change without notice

C) These prices do not represent a quotation but are used to approximate the list price as of the printing date

D) Please email us with your contact information including shipping address to supply a real time quotation.

E) Sometimes special manufacturers offerings are available which can reduce the price. Getting a real time quote can often save you some money as compared to the list price shown in the catalog.

F) Prices do not include shipping or taxes if applicable

G) Manufacturer's Warranty is the only warranty offered and differs from product to product.

H) All sales are final.

INDEX

PIPE INSPECTION CAMERAS . . . . . PAGE 2 TO PAGE 24

PIPE & CABLE LOCATORS . . . . . PAGE 25 TO PAGE 38

SONDES . . . . . PAGE 39

SEWER CLEANING MACHINES . . . . . PAGE 40

WATER LEAK DETECTORS . . . . . PAGE 41 TO 55

WATER LEAK SENSORS . . . . . PAGE 56 TO 59

E CAM ACE

$5,250.00

E CAM ACE WIFI

$5,750.00

E Cam ACE Camera

- Rugged stainless steel housed 1.68” dia. Color camera with sapphire lens, 20 LED light ring and high resolution CCD element.
- Industry Standard 512 Hz sonde
- Rugged and portable powder-coated steel frame.
- Standard with 200 ft. of Kevlar braided 1/2” diameter push rod.
- 5.4” LCD monitor with video output jack, sunshield, and skid.
- Optional Self Leveling Camera add $520.00

E CAM ACE 2 SL

$7,150.00

E Cam ACE 2 SL

- Rugged stainless steel housed Self Leveling 1.68” dia. Color Camera with sapphire lens, 20 LED light ring and high resolution CCD element.
- USB one touch recording .
- On screen footage counter.
- Industry Standard 512 Hz sonde.
- Rugged and portable powder-coated steel frame with detachable wheel kit.
- 5.4” LCD monitor with protective acrylic anti-glare monitor shield.

PLUMBERS CAMERAS

E Cam Pro 2

- 1.68” diameter self-leveling color camera inspection system.
- 200 ft. of Kevlar braided 1/2” diameter push rod, 512 Hz sonde
- 12.1” detachable daylight readable LCD monitor, battery with built in charger, on screen footage counter, voice over recording and 16 pages of text writing.
- Units are available with 300 ft. push rod for additional $600.00

E CAM PRO 2
$8,450.00
3” to 12” Lines

NEW Electric Eel eCAM Ace 100-Micro Pipeline Inspection Camera System

Video is streamed directly to any mobile device which can be used as your monitor

The compact eCAM Ace 100-Micro delivers everything you need to perform quick inspections in pipes ranging from 1-1/2" to 3" dia. and up to one hundred feet in length. Weighing in at only 15 pounds makes this camera perfect for easy portability. The system comes equipped with a 512Hz transmitter and a resettable on-screen footage counter. The video is streamed directly to any mobile device which can be used as your monitor. Audio and video can be recorded to your mobile device as well. The files are saved on your device and can then be transferred via Email, Text, or to the Cloud. Its compact lightweight size and portability make this camera very user-friendly for contractors, plumbers and homeowners alike.

eCAM Pipeline Inspection Camera Systems

Features & Specifications

- Monitor: User's mobile device
- Push rod size: .271" diameter
- Push rod length: 100 ft.
- Footage counter displays feet and meters (resettable)
- Sonde transmitter 512Hz
- Camera head size: 1" diameter
- Weight: 15 lbs.
- Dimensions: 10"W x 12"L x 16"H

MICRO MINI SYSTEM

$3,549.00

Battery Pack Not Included
Accepts Milwaukee M18 or Equivalent Battery

The Quality Leader in Drain Cleaning Equipment

PEARPOINT PLUMBERS CAMERAS 100’ & 200’ REELS

Pearpoint Plumbers Camera

P540+ CONTROLLER WITH INTERNAL BATTERY
P541 Plumbers Reel (100 Foot) **$6,333.00**
P541 Plumbers Reel (200 Foot) **$7,396.00**

P540 1” CAMERA HEAD 512 Hz Sonde P350 Skid Set 2GB Compact Flash Card 1.23” Self Leveling Camera	**add** **$869.00**

Copyright © 2018 Radiodetection Ltd. All rights reserved.

PEARPOINT FLEXIPROBE P541
SMALL REEL FLEXIPROBE CAMERA KIT

Pearpoint P541+ Flexiprobe

PEARPOINT P541+ FLEXIPROBE P540+ Controller with Internal Battery P541 Standard Reel (115 Ft)
P541 1 " Color Camera Head $7,305.00
P541 1" Self Leveling Head $8,348.00
P541 2" Color Camera Head $8,348.00

512 Hz Sonde

- The P541 Flexiprobe offers the versatility of 1" or 2" camera heads on a 115' reel. This unit comes standard with a 512 Hz sonde.
- The module offers either flash card or USB recording and Flexisight manager.

PEARPOINT FLEXIPROBE P542
STANDARD REEL FLEXIPROBE CAMERA KIT

The P542 Flexiprobe

- This camera system offers the versatility of 1” or 2” camera heads on a 200’ or 400’ reel.
- This unit comes standard with a 512 Hz sonde.
- The module offers either flash card or USB recording and Flexisight manager and PC software.

PEARPOINT FLEXIPROBE P542
STANDARD REEL FLEXIPROBE CAMERA KIT

200 FT SYSTEM WITH 1” CAMERA	$7,938.00
200 FT SYSTEM WITH 2” SL CAMERA	$8,962.00
200 FT SYSTEM WITH 1.23 SL CAMERA	$8,962.00
400 FT SYSTEM WITH 1” CAMERA	$9,082.00
400 FT SYSTEM WITH 2” SL CAMERA	$9,582.00
400 FT SYSTEM WITH 1.23 SL CAMERA	$9,582.00

Additional Dual Reel Systems Available

PEARPOINT FLEXIPROBE P543
500 FT REEL FLEXIPROBE CAMERA KIT

P543 500 FT FLEXIPROBE REEL KITS
P543 Kit with 2” Camera Head: **$14,743.00**
P543 Kit with Self Leveling Camera Head: **$14,743.00**
P543 Kit with 1” Camera Head: **$14,143.00**

P550 FLEXITRAX PORTABLE CRAWLER PIPELINE INSPECTION SYSTEM

SBP (Small Basic Package)

- 6” to 8” Multiple Pipe Options
- Power drum w/ 1000ft (305m) cable w/swivel
- P354 Crawler
- Command Module
- Pan/Tilt Camera
- 3” Small PVC Grit Wheels with Adaptors
- Medium Wheel set
- 3” Intermediate Wheel set
- Down Hole set (Top / Bottom roller, rope, poles)
- Downhole Hook and strap kit
- 5m Link Cable
- Localization Pack *(Software, grease, mains cable, USB interface cable, Accessory Bag)*
- C550 Cable Blanking Tow Eye
- Pendant controller not included

PEARPOINT FLEXITRAX P550
SMALL BASIC PACKAGE

SBP (SMALL BASIC PACKAGE)
$41,709.00

TWO DAY TRAINING SESSION
$2,400.00

P550 FLEXITRAX PORTABLE CRAWLER PIPELINE INSPECTION SYSTEM

SSP (Small Standard Package)

- 6" – 18" Multiple Pipe Options
- P354 Crawler Assy
- Powered Drum w 305m (1000') cable w/ Swivel
- Command Module
- Pendant Controller
- Pan/Tilt Camera
- Small Elevator
- Medium Wheel set x2
- 3" Intermediate Wheel set x1
- 3" & 4" PVC Wheel set
- 5m Link Cable
- Down Hole set *(Top / Bottom roller, rope, and poles)* Downhole Hook and strap kit
- Centering in 18" w/ Small Elevator included
- Ease of Use Hand Held Controller
- Localization Pack *(Software, grease, mains cable, USB interface cable, accessory Bag)*

P550 FLEXITRAX
SMALL STANDARD PACKAGE

SSP (SMALL STANDARD PACKAGE)
$46,482.00

TWO DAY TRAINING SESSION
$2,400.00

Copyright © 2018 Radiodetection Ltd. All rights reserved.

P550 FLEXITRAX CRAWLER PACKAGES

LBP (Large Basic Package)

- 8” – 18” Multiple Pipe Options
- P356 Crawler Assy.
- Powered Drum w 305m (1000’) cable w/ Swivel
- Command Module
- Pan/Tilt Camera
- Down Hole set
  (Top/Bottom roller, rope, poles)
- Downhole Hook and strap kit
- Fixed Elevator
- 4” Grit Wheel with adaptors
- Medium Wheel set x1
- Large Wheel set x1
- 5m link Cable
- Steering Capability
- Localization Pack *(Software, grease, mains cable, USB interface cable, accessory Bag)*

P550 FLEXITRAX
LARGE BASIC PACKAGE

LBP (LARGE BASIC PACKAGE)
$47,231.00

TWO DAY TRAINING SESSION
$2,400.00

Copyright © 2018 Radiodetection Ltd. All rights reserved.

P550 FLEXITRAX CRAWLER PACKAGES

LSP (Large Standard Package)

- 8” – 36” Multiple Pipe Options
- Powered Drum w 305m (1000’) cable w/ Swivel
- P356 Crawler Assy Medium Wheel set x2
- Command Module with Joysticks
- Pan/tilt Zoom Camera
- Down Hole set *(Top/bottom roller, rope, poles)*
- Downhole *(Hook and strap kit)*
- Large Elevator Power Elevator
- Dual Large Pneumatic Wheel set with spacers
- 3” & 4” PVC Wheels set
- Light head and 5m Link Cable
- Pendant Controller and Steering Capability
- Ease of Use Hand Held Controller
- Centering on 36” w/ Large Elevator Included
- C550 Cable Blanking Tow Eye
- Localization Pack *(Software, USB interface cable, Accessory Bag)*

P550 FLEXITRAX
LARGE STANDARD PACKAGE

LSP (LARGE STANDARD PACKAGE)
$58,933.00

TWO DAY TRAINING SESSION
$2,400.00

Copyright © 2018 Radiodetection Ltd. All rights reserved.

P550 FLEXITRAX CRAWLER PACKAGES

LDP (Large Deluxe Package)

- 6” – 36” Multiple Pipe Options
- Powered Drum w 305m (1000’) cable w/ Swivel
- P356 Crawler Assy
- P354 Crawler Assy. *(not shown)*
- Command Module Joysticks for Power elevator
- Pan/Tilt Camera *(not shown)* Pan/Tilt Zoom Camera Down Hook & Strap
- Down Hole set *(top/bottom roller, rope, poles)*
- Both Fixed Elevator and Large Powered Elevator
- Medium Wheel set x2 Steering Capability
- 3” Intermediate Wheels and Adaptors *(not shown)*
- Dual set of Large Pneumatic Wheels with spacers
- 3” & 4” PVC Wheels set
- Pendant Controller and 5m Link Cable
- 8W Light Head
- Pendant and C550 Cable Blanking Tow Eye
- Localization Pack

PEARPOINT FLEXITRAX LARGE DELUXE PACKAGE

LDP (LARGE DELUXE PACKAGE)
$75,037.00

TWO DAY TRAINING SESSION
$2,400.00

Copyright © 2018 Radiodetection Ltd. All rights reserved.

P550 FLEXITRAX CRAWLER PACKAGES

LPP (Large Platinum Package)

- 2.25” – 36” Multiple Pipe Options
- Powered Drum w 305m (1000’) cable w/ Swivel
- Both P354 Crawler and P356 Crawler
- Command Module Steering Capabity
- Both Pan/Tilt camera and Pan/Tilt Zoom Camera
- Down Hook and Strap 8 Watt Light Head
- Down Hole Set *(top/bottom roller, rope, poles)*
- Both Large Powered and Fixed Elevator
- Medium Wheel set x4
- Dual Large Pneumatic Wheel set with spacers
- 3” Intermediate Wheel set with adaptors
- 3” & 4” PVC Wheels set with adaptors
- 5m Link Cable and Pendant Controller
- Locator and C550 CABLE BLANKING TOW EYE
- C542 2” Pushrod Camera System
- 200’ mini system 2 .25” – 6” Pipe Capabilities
- Localization Kit

P550 FLEXITRAX
LARGE PLATINUM PACKAGE

LPP (LARGE PLATINUM PACKAGE)
$89,606.00

TWO DAY TRAINING SESSION
$2,400.00

Copyright © 2018 Radiodetection Ltd. All rights reserved.

P550 FLEXITRAX CRAWLER PACKAGES

HUNTER-LPP (LARGE PLATINUM PACKAGE)
$108,606.00

TWO DAY TRAINING SESSION
$2,400.00

P550 FLEXITRAX
HUNTER PLATINUM PACKAGE

Hunter - LPP (Large Platinum Package)

- 2.25" – 36" Multiple Pipe Options
- Powered Drum w 305m (1000') cable w/ Swivel
- P354 Crawler and P356 Crawler
- Command Module
- Pan/Tilt camera and Pan/Tilt Zoom Camera
- Down Hook and Strap and Down Hole Set
- Large Powered and Fixed Elevator
- 3" Intermediate Wheel set
- Dual Large Pneumatic Wheel set with spacers
- 3" Medium Wheel set x2
- 3" & 4" PVC Wheels set with adaptors
- 5m Link Cable and Pendant Controller
- 8W Light Head Steering Capability
- Locator and C550 CABLE BLANKING TOW EYE
- 542 200 Ft Pushrod Camera System 2"Camera
- 200' mini system 2 .25" – 6" Pipe Capabilities
- Hunter Box

PEARPOINT
POLE CAMERA QZ3

PEARPOINT QZ3 POLE CAMERA
$15,000.00

VON ROLL HYDRO METAL DETECTOR

P500 Metal Detector

The P500 valve & manhole cover detector was developed for the precise location of access covers and manhole covers, but can, however, also be used as a multi-purpose metal detector. The P500 is extremely simple to use and extremely robust. Metal objects can be detected up to a maximum depth of 3 feet.

P-500 METAL DETECTOR

$956.00

Complete with Storage Bag

RYCOM PATHFINDER PRECISION LOCATOR

PATHFINDER PLS BASIC KIT:
$4,344.00

Operating Frequencies:
512Hz, 640Hz, 815Hz, 8kHz,33kHz, 65kHz, 82kHz,118kHz, 131kHz, 200kHz &480kHz

Signal Application:
Direct Connection, Coupler Induction, and Transmitter Induction.

Locating Modes:
Peak, Pinpoint Peak, Null, Simultaneous Peak & Null, Left / Right Guidance, and Sonde Mode.

Transmitter Power Settings up to 10 watts.
Lightweight Li-Ion Rechargeable or D-cell batteries

RYCOM PATHFINDER

RYCOM PATHFINDER WITH 10 WATT TRANSMITTER
$4,344.00

Includes Li-Ion Rechargeable Batteries, Charger, Ground Stake, Connection Leads, Manual, and Soft Case.

Path Link Remote Control to Control Power out-put and Frequency up to 400 yards from trans-mitter: **Add $300.00**

RYCOM
SNAPTRACK LOCATOR

Snap Track Locator Kits:

THREE WATT LOCATOR KIT:	TEN WATT LOCATOR KIT:
$2,989.00	$3,952.00

Active Frequencies: 200Hz to 480 kHz / 60 Hz / RF
Peak & Null, Conductive, Inductive, Sonde

RYCOM 8873
CAMERA HEAD & SONDE

Rycom 8873 Receiver

- Active Frequencies: 8kHz, 33kHz, 82kHz
- Sonde Mode: 512 Hz 640Hz, 8kHz, 33kHz
- Passive: Power, Radio, Cathodic
- Peak/Null, Left/Right Guidance Arrow
- Push Button Depth

CAMERA HEAD & SONDE LOCATOR
Rycom 8873 Receiver
$1,390.00

Stick Three Watt Kit:

- Active Frequencies: 8kHz, 33kHz, 118kHz,82kHz, 200kHz
- Sonde Mode: 512 Hz 640Hz, 8kHz, 33kHz
- Induction: 33kHz, 82kHz, 118kHz, & 200kHz
- Peak/Null, Left/Right Guidance
- Push Button Depth Nice Plumbers Tool

STICK THREE WATT KIT:
$1,253.00

Rycom 8891 Marker Locator:

- Passive Frequency & Marker Locator
- Transceiver Up to 8 Passive Frequencies

RYCOM 8890 MARKER LOCATOR
$1,368.00
Plus $100.00 / Frequency

SCHONSTEDT MAGNETIC LOCATOR SPOT

SPOT MAGNETIC LOCATOR

List Price: $875.00

PIPE TOOLS PRICE: $775.00

Spot
MAGNETIC LOCATOR

SCHONSTEDT MAGNETIC LOCATOR MAGGIE

Maggie is the pistol-grip locator of choice for all locating professionals

Maggie combines the best features of two flagship Schonstedt magnetic locator instuments: the sensitivity and precision of the GA-52Cx, and the single-handed operation of the GA-92XT.

Optimized for Finding:

- Survey Pins, Markers and Nails
- Water & Gas Valves
- Manhole Covers
- Other Deep Iron/Steel Objects

MAGGIE NEW MEMBRANE KEYPAD SWITCH

New IP 54 Rating | More Ergonomic
More Durable | More Water Resistant
7 Year Warranty

List Price: $930.00

PIPE TOOLS PRICE: $830.00

SCHONSTEDT MAGNETIC LOCATOR GA-52 & GA-72

GA-52Cx & GA-72Cd

For decades, these iconic “yellow stick” magnetic locators have been the choice of locating professionals around the world. They are made to withstand the rigors or daily on-site usage and a wide range of environmental conditions. When precision really matters, stick to Schonstedt locators.

Optimized for Finding:

- Survey Pins, Markers & Nails
- Water & Gas Valves
- Manhole Covers
- Unexploded Ordnance
- Other Deep Iron/Steel Objects

7 YEAR WARRANTY

GA-72CD	GA-52CX
No response to aluminum and brass; 7 year manufacturers warranty	
List Price: $1,051.00	
PIPE TOOLS PRICE: $951.00	**PIPE TOOLS PRICE: $865.00**

GA-92 MAGNETIC LOCATOR
OUR BEST SELLER

GA-92XTd Magnetic Locator
Portable & Precise

This pistol-grip locator extends for accuracy and retracts for easy carrying and storage. One hand operation makes finding faster, providing both audio and visual indication of ferrous objects up to 16 feet underground. When you have your hands full on the job site, carry the XTd on your hip.

Optimized for Locating:

- Water & Gas Valves
- Manhole Covers
- Other Deep Iron/Steel Objects

GA-92XT

Detects the magnetic fields of all ferro-magnetic objects up to 16 feet below the surface. The unit also expands and re-tracts for easier carrying and storage.

List Price: $1,020.00

PIPE TOOLS PRICE: $920.00

Trade-In Discounts are Available

SCHONSTEDT REX LOCATORS

Schonstedt Rex

5 Watt Transmitter 3 Frequencies Plus Passive
512 Hz, 33 kHz, and 82kHz
Conductive, Inductive, Sonde, Passive

NEW LIGHT WEIGHT TRANSMITTER

$2,845.00

Schonstedt XT-512

Camera Head and Sonde Locator
512 kHz Frequency Receiver

SCHONSTEDT REX LOCATORS

Multi-Purpose Combo Kit

- Rex Pipe & Cable Locator
- 512 kHz Sonde Capable
- 5 Watt 82 kHz Transmitter
- 82 kHz Inductive Antenna
- Ground Stake & Clips
- Power Supply & Charger
- GA-92 Magnetic Locator

MPC REX KIT
$3.765.00

LARGE HD CONDUCTIVE CLAMPS
$51.00

SCHONSTEDT
LOKI PIPE & CABLE LOCATOR

Loki

LOKI LOCATORS

LOKI-CONTRACTOR KIT OR LOKI-UTILITIES KIT

Loki-C Contractor Kit:

- Padded Case
- 512 Hz, 8 Hz, and 131 kHz
- Inductive: 8kHz and 131 kHz
- Sonde: 512Hz
- Receiver, Transmitter, Leads

LOKI-C
$1,575.00

Loki-U Utilities Kit:

- Padded Case
- Active Frequencies: 512 Hz, 8 Hz, and 82 kHz
- Inductive: 8 kHz and 82 kHz
- Sonde: 512 Hz, 8 kHz and 33 kHz
- Receiver, Transmitter, Leads, Earth Spool, Stake

LOKI-U
$1,725.00

SCHONSTEDT FLEXITRACE

FlexiTrace™ for tracing non-conductive utilities

Compatible with a range of Schonstedt pipe & cable locators, Flexi-Trace is a flexible, conductive rod with a sonde at the end.

When one transmitter lead is connected to FlexiTrace, the conductive rod can be used to trace non-metallic pipes. When both leads are connected, the end behaves like a sonde to help locate blockages.

- Rod diameter of 0.2” (5mm)
- Length of up to 263’ (80m)
- Pinpoints the location of a blockage
- Traces the route of non-metallic pipes or conduits

FlexiTrace can be used with a range of Schonstedt pipe & cable locators:

FLEXITRACE	
164 FT	$1,556.00
260 FT	$1,680.00

SONDES

RYCOM SONDES

.09" Diameter X 3.5" Sonde
Many end caps and fittings available.

100-00281-00 512 kHz
100-00281-02 33 kHz
100-00281-03 8 kHz
100-00281-04 640 Hz

$250.00 each

ELECTRIC EEL

"Tape On" Sonde 512Hz

10' DEPTH: $360.00

20' DEPTH: $600.00

SONDE CARRIER: $95.00

SCHONSTEDT

MINI 512HZ SONDE $541.00

MICRO-MINI 512 HZ SONDE $468.00

ELECTRIC EEL SEWER MACHINES

MODEL C 1HP KIT **$2,690.00**

200 Ft Sectional Cable Machine

MODEL CT 5/16 KIT **$760.00**

Small Fixture Line Machine

MODEL 800 KIT **$11,300.00**

Gasoline Powered Mainline Machine

MODEL EJ3000B KIT **$4,720.00**

Gasoline Powered Portable Water Jet

MODEL D5 KIT **$2,250.00**

100 Ft Continuous Cable Machine

MODEL N 75 KIT **$1,485.00**

5ft Sectional Cable Machine

VON ROLL HYDRO

Small, handy leak detector - easy to use - highly sensitive microphone with Bluetooth.

This mobile hand held device for acoustic leak detection used in pressurized pipe features excellent measuring capabilities. It enables valves, hydrants, house connections.

LEAK PEN KIT:
1,445.00

FAST
AQUA M-50

The Aqua M-50D features a sensitive microphone capable of detecting even small leaks. Extensions, sometimes referred to as test rods, can be added to the tip allowing convenient access to pipe in awkward locations such as valve and meter pits.

FAST AQUA M-50 KIT:
$995.00

FAST
AQUA M-40

The Aqua M-40 is used to listen to pressurized water pipes for leaks. Even small structure borne noise created when a pipe leaks can be heard with this device. These results are possible due to the combination of a highly sensitive vibration pick up and applied amplification. The Aqua M-40 can filter high and low frequencies on both metallic and non-metallic pipe to assist in the acquisition of successful measurements. The unit is equipped with Bluetooth technology for the wireless transmission of sound to the headphones.

FAST AQUA M-40 KIT:
$1,200.00

TRACER GAS: HYDROGEN/NITROGEN MIX

Gas Check

Hydrogen / Nitrogen Mix for Water Leak Detection

GAS CHECK COMPLETE KIT with Central Unit, Carry Strap, Charger, Bell Probe, Carpet Probe, and Carry Case.	**Complete Kit** **$6,457.00**

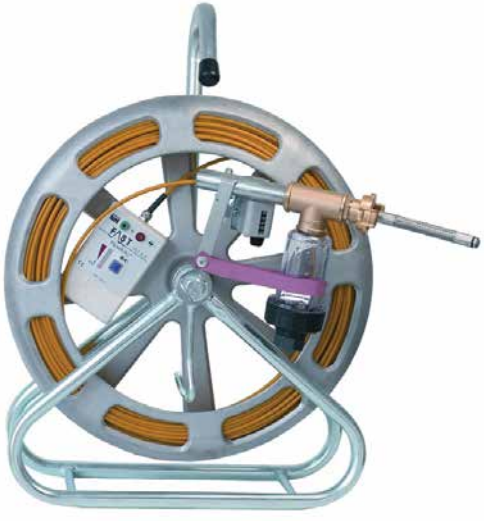
TRACER GAS: HYDROGEN MIX OR HELIUM

Leak detection made easy is the premise behind the Dielectric MGD-2002 Multi-gas Detector. Leaks in most pressurized systems can be located with pinpoint accuracy through the use of common tracer gases such as Helium or a Hydrogen/Nitrogen mix.

Whether you're identifying leaks in underground tanks, pipes, cables or tracing a leak in almost any pressurized system, the MGD-2002 has the sensitivity you'll need to locate the leak accurately and efficiently. The MGD-2002 performs equally well with either a Helium or a Hydrogen/Nitrogen mix tracer gas.

MGD-2002 COMPLETE KIT:
$7,224.00

PLASTIC PIPE LEAK DETECTION



120 Foot Rod and Reel

Pipe Mic

Identifies Leak & Location From Inside Pipe Bluetooth Speaker

3/4" to 2" Pipe

900 foot of 9mm rod and reel

Pipe Mic XL

Identifies Leak & Location From Inside Pipe

Larger Diameter Pipe

PIPE MIC & PIPE MIC XL

Pipe Mic Plastic Pipe Leak Locator

LISTEN FOR LEAKS FROM INSIDE THE PIPE

Pipe Mic Water Leak Locator Kit:

For economic reasons many residential water services are made with plastic pipe. This makes traditional locating and leak listening difficult and...certainly more challenging. This often leads to miss-marks and costly dry holes.

With the use of a special connection adapter to the water line, a 4.5mm push rod and sensor head are inserted into the line under working pressure. In the head is a micro-phone and locating coil to listen for a leak noise while the rod is being pushed through the pipe.

With the use of a Bluetooth speaker or headset, the leak site is identified and a pipe & cable locator can then be connected to mark out the exact location of the leak and pipe. The result is a very precise water leak location in a non- metallic pipe.

PIPE MIC: 120 FT WITH 4.5 MM ROD	$6,268.00
PIPE MIC XL-100: 300 FT WITH 9MM ROD	$9,555.00
PIPE MIC XL-200: 600 FT WITH 9MM ROD	$11,675.00
PIPE MIC XL-300: 900 FT WITH 9MM ROD	$16,533.00

WATER LEAK DETECTION

Aqua M-300 Kits:

- Intelligent Tools for Leak Detection
- Pipe Locating
- Tracer Gas
- Ground Mic

GROUND MIC & TRACER GAS COMBO AQUA M-300 KIT

COMBINATION ACOUSTIC LISTENING & TRACER GAS

Ground Mic Kit:

The M-300 Kit can be customized to include three types of microphones and / or two gas detection probes without the need to purchase additional sensors.

- Big Foot Wind Protected Microphone
- Test Rod Microphone with Three Extensions
- Universal Microphone with Tripod Foot & Magnet
- Hand Probe
- Bell Probe

Tracer Gas Kit:

The unit works with 5% Hydrogen 95% Nitrogen Tracer Gas Mixture. The kit can be outfitted with or without the tracer gas probes.

Central Unit:

- Color Touch Screen Display
- Identifies Hz range of noise
- Records last six readings
- Allows for easy filterings.
- Downloadable Software

AQUA M-300 THREE MICROPHONE LISTENING KIT (8103E):	$7,205.00
AQUA M-300 THREE MICROPHONES WITH BELL PROBE KIT (8117E):	$8,880.00
AQUA M-300 BIG FOOT & UNIVERSAL MICROPHONE KIT (8104E):	$5,868.00
AQUA M-300 SINGLE UNIVERSAL MICROPHONE & BELL PROBE KIT (8114E):	$6,480.00
AQUA M-300 BIG FOOT & TEST ROD LISTENING KIT (8105E):	$5,868.00

GROUND MICROPHONES
AQUA M-200

AQUA M-200 (8063E) THREE MICROPHONE KIT Includes Big Foot, Universal , and Test Rod Microphones	**$7,014.00**
AQUA M-200 (8064E) TWO MICROPHONE KIT Includes Big Foot and Universal Microphones	**$5,974.00**
AQUA M-200 (8059E) BIG FOOT MICROPHONE KIT Includes Big Foot Ground Microphone and Attachments	**$4,897.00**

LEAK DETECTORS
VON ROLL HYDRO TERRALOG

Terralog

High-quality technology for professional leak detection

VON ROLL TERRALOG KIT

$3,680.00

CORRELATING LOGGERS

Bi-Directional Correlating Loggers:

- "Lift & Shift" or Permanent Monitoring
- Noise Capturing
- Correlating
- Cloud Storage Available
- Stainless Steel Housing
- Customized Kits Available

STARTER KIT with 10 correlating loggers, software, without toughbook tablet
$8,240.00

DRULO 3 BLUETOOTH PRESSURE LOGGERS
Kit of 6 PSI Loggers: **$9,187.00**
Kit of 8 PSI Loggers: **$12,487.00**

LAPTOP BASED CORRELATOR

Lokal 200 PC
Portable Professional Correlator

- High-performance correlator combined with a PC software
- Installed in a shock-resistant ABS case
- An internal battery ensures extended operation time

LOKAL 200 COMPUTER BASED CORRELATOR

$19,552.00

PORTABLE FIELD CORRELATOR & GROUND MICROPHONE KIT

LOKAL 400 BASIC FIELD CORRELATOR KIT without Ground Microphones (9802E)	**$15,800.00**
LOKAL 400 FIELD CORRELATOR KIT Includes Big Foot & Test Rod Microphones (9804E)	**$17,650.00**
LOKAL 400 FIELD CORRELATOR KIT Includes Hydrophones without Ground Microphones (9802HY)	**$21,169.00**

TABLET BASED
PORTABLE FIELD CORRELATOR

LOG3000 BT

- High-performance notebook correlator - Simple operation
- Highly sensitive VIBROPHONES - Excellent measurement results

LOG3000 TABLET BASED CORRELATOR WITH BLUETOOTH
$10,422.00

Tablet not included

CELL PHONE BASED LEAK DETECTION SENSORS

iQuarius™

PORTABLE. AFFORDABLE. ACCURATE.

An Easy-to-Use Leak Detection All-in-One Solution

iQuarius™ Mobile Solution

An easy-to-use, portable, all-in-one solution.

All data generated through our solution is recorded locally, analyzed immediately on our servers and available for viewing via any browser. Our compact mobile sensors combined with our top of the line analysis software - can successfully tackle all water leakage challenges, meeting our customers' needs such as pipe listening, survey and correlation.

Listening

Ultra sensitive microphone for vibration & sounds

- Clear sound "Frequency shift" technique enables listening to plastic pipes
- Provides graphic presentation of frequencies

Survey

One click operation

- Automatic acoustic map generation
- Each sample is represented by intensity number and color
- Automatic filtering of background noise

Correlation

One man operation

- Automatic leak detection and location
- Cloud based analysis
- Enable GIS pipe data integration

Web Application

- All measurements are updated and stored in real time on the web
- An acoustic map of surveyed area highlights suspected leaks location

CELL PHONE BASED LEAK DETECTION SENSORS

iQuarius Cell Phone Based Leak Detection

iQ-100	**One Sensor Survey Kit: $2,000.00** *Plus $200.00 Yearly Subscription*
iQ-200	**Two Sensor Correlation Kit: $5,000.00** *Plus $400.00 Yearly Subscription*
iQ-300	**Two Sensor & Hydrophone Kit: $9,000.00** *Plus $400.00 Yearly Subscription*

Includes cloud and software.

FIXED 4G CLOUD BASED LEAK DETECTION SENSORS & SOFTWARE

CALL FOR A FREE CONSULTATION!

AQS-SYS

Fixed Leak Detection & Pipe Condition Assessment

Challenges

- NRW reduction in urban water networks
- Reliable underground leak detection
- Accurate underground leak location
- Water pipe bursts prevention
- Proper assessment of pipe condition

Aquarius Response

Innovative solution enables Utilities to proactively **monitor** their water networks, **detect** leaks and **pinpoint** their exact locations while using highly sensitive acoustic sensors, management software & mobile applications

AQS-SYS

Cloud based water leaks monitoring. S/W & H/W solution which analyses acoustic events from fixed sensors on a daily basis, detecting small leaks and preventing pipe bursts.

- Map-GIS based visualization of leak alerts
- Extensive management information
- Pipe condition trending by leaks history and proprietary features
- Integration with GIS systems and others.

Technology - Sensors

Patented fixed sensors for water network monitoring. Automatic leak detection with high accuracy location by correlation between all sensors couples:

- Proven 'Plug and Play' technology - Over 3,000 sensors installed in 3 years, 100 leaks detected a year
- Easy installation on overground hydrants and underground valves
- Transfer of large amounts of data through GSM
- High accuracy with long range leak detection by acoustic correlation

Leak Monitoring

Water Savings

- Identify leaks when they are small …Avoid Pipe Bursts!
- Proven Non-Revenue Water reduction
- Precise leak location

Customer Service & Operations Cost

- Alerts on end user leaks
- Better prediction and control of water outages
- Plan ahead leak repairs (when leaks are small)
- Avoid costly emergency work - Proactive vs. Reactive (planned vs. emergency)

Pipe Condition Assessment

Integrating Big Data with Smart Dynamics Surveys

Maintenance & Replacement

- Big Data analytics of pipes, failure data and proprietary features of acoustic monitoring
- Replacement prioritization by condition rather than age
- Saving millions by extending the life of existing assets and by optimizing replacement decisions
- Detects faulty equipment (valves, air vents, meters)

- 5 Minute Installation
- Correlates Nightly
- 4G Network
- Sound Sample Playback
- Cloud Based
- Leak Alerts & E-Mail
- Mapped Locations
- Work Orders

COMING SOON:
PIPEMIC® FLEX

The most flexible of all PipeMic®

Proven PipeMic technology for the exact localization of leaks under the most difficult conditions

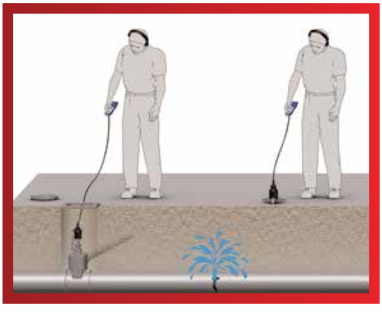
- Ultra-flexible glass fiber rod with 4.5mm diameter
- Sensor head made of completely food-safe rubber and ball head made of stainless steel
- Applicable for even several 90° bends in a row Pressure lock and disinfection device for safe use

COMING SOON:
AQUA M60

New Ultra-Light Geophone / Listening Device

Combined sound detector with geophone function (connection of an external sensor).

- Wireless Bluetooth headphones for maximum freedom of movement
- Numerical display to indicate the minimum noise level
- Filter functions for fading out noise
- High sensitivity to detect even the smallest leaks
- Unbeatable price-performance ratio



- Water Leak Detection Cell Phone App
- Permanent Water Network Sensors
- Drain & Sewer Cleaning Equipment
- Pipe and Cable Locators
- Magnetic Locators
- Water Leak Detectors
- Correlators
- Noise Loggers & Sensors
- Sewer Inspection Cameras

PIPE TOOLS, INC.

2835 Haddonfield Road
Pennsauken, New Jersey 08110-1108