

LEAK DETECTION PRODUCT & SERVICES CATALOG



OUR QUALITY STANDARDS AND YEARS OF SERVICE CONTINUE TO OFFER SOME OF THE MOST TALENTED FIELD AND TECHNICAL PERSONNEL IN THE INDUSTRY.



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electro scan Inc. The Next Generation in Water Leak Detection Electro Scan Inc. 1745 Markston Road E: info@clockrongen.eaus	
The Next Generation in Water Leak Detection	



PRODUCT OVERVIEW

Product	Number	Selected Application	Sales / Licensing ¹	
Multi-Sensor Probe		Small-to-Medium Pressurised Water Mains or Sewer Rising Mains up to 60 inches (1500mm). Up to 1km per survey, or 2km with special upgrades.	Only available for service-related projects. Not for sale to utility customers or contrators. Contractor licensing subject to training, qualifictions, and annual support agreement.	
	TRIDENT Multi-Sensor Probe - American Version - British Version	Small-to-Medium Pressurised Water Mains or Sewer Rising Mains, up to 60 inches (1500mm). Up to 240m per survey (120m in a single direction).	Available for sale to municipal or investor-owned utilities. Available for licensing to contractors on a daily or per meter basis.	
	ES-600 CCTV Optional: ES-670, ES-660, ES-650 ES-400	Medium-to-Large diameter Sewer or Stormwater Pipes, or Gravity Water Mains 6-72 inches (150-1800mm). Rack-mounted onto an existing CCTV truck or van.	Available for sale to municipal or investor-owned utilities. Available for licensing to contractors on a daily or per meter basis.	
	ES-600 Portable Optional: ES-670, ES-660, ES-650 ES-400	Medium-to-Large diameter Sewer or Stormwater Pipes, or Gravity Water Mains 6-72 inches (150-1800mm) that are difficult to access by vehicle.	Available for sale to municipal or investor-owned utilities. Available for licensing to contractors on a daily or per meter basis.	
	ES-400 Push Rod Optional: Plug Reel, Hand Cart ES-200, ES-50	Small-to-Medium diameter Sewer or Stormwater Pipes 4-24 inches (150-600mm). Push rod length is limited to approximately 150m.	Available for sale to municipal or investor-owned utilities. Available for licensing to contractors on a daily or per meter basis.	
3 inches or o	ES-200 Push Rod Optional: Plug Reel, Hand Cart ES-50	Small diameter Sewer or Stormwater Pipes 3-8 inches (76-150mm). Best for private laterals. Push rod length is limited to approximately 150m.	Available for sale to municipal or investor-owned utilities. Available for licensing to contractors on a daily or per meter basis.	
1 2 3	ES-25 & 50 Push Rod Optional: Plug Reel, Hand Cart	Very small diameter Plumbing Fixtures or Industrial Tubing 1-4 inches, 25-100mm.	Scheduled for release in Third Quarter 2021.	
THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS	CriticalH ₂ O Cloud App	Web-based data management & storage, including SQL database for storing real-time inspection results for Low Voltage Conductivity, Acoustic, and CCTV surveys.	Requires set-up fee, per seat licensing, and minimum 2-year software support agreement.	
critical sewere	CriticalSewers® Cloud App	Web-based data management & storage, including SQL database for storing real-time inspection results for Low Voltage Conductivity.	Requires set-up fee, per seat licensing, and minimum 2-year software support agreement.	

1. All products are available for international projects, and require detailed maps and a project plan addressing permitting, traffic control, and pipe access.

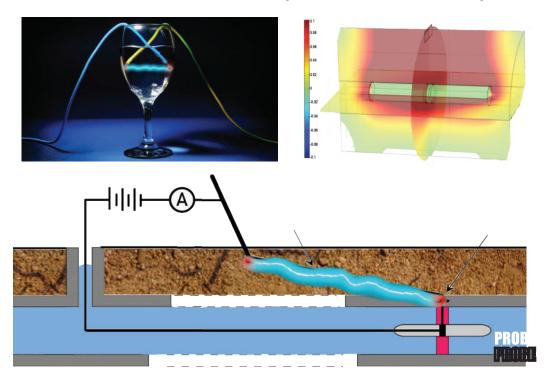


NON-ACOUSTIC LEAK DETECTION

How Leaks Are Found & Measured in GPM

If a pipe leaks electricity, it leaks water.

And can be measured in Gallons per Minute or Litres per Second.



- Machine-Based Leak Location.
- Measures the Size of Hole by Focused Electric Current.
- Machine-Based Leak Quantification in GPM or LPS.
- As Featured in AWWA M77, ASTM F2550, JACSOMA #7

GPM ½ INCH ACCURACY REPEATABLE RESULTS







COMPETITIVE ADVANTAGES

company YES √ NO electro scaning.		Aquam	uam Xylem/Pure/WRc		Aganova	Ingu	Utilis	
Features / Product	Delta	Trident	JD7	Sahara	SmartBall®	Nautilus	Recon	Satellite
Technology	Acoustic, CCTV, Conductivity	CCTV, Conductivity	Acoustic, CCTV	Acoustic, CCTV	Acoustic	Acoustic	Acoustic	Synthetic Aperture Radar
In-Pipe Connection	Tethered	Tethered	Tethered	Tethered	Free Flowing	Free Flowing	Free Flowing	. 0
Device		Ö. ,	*		•	6	33	
Visual Inspection with Camera	V .	V	\checkmark	\checkmark				
Joint Spacing	V	V .						
Leak Location – Accuracy 1cm	V	V		0			0	
Leakage Severity – Expressed in Gallons per Minute or Litres per Second	√	√	0	0		\circ	0	0
Finds & Measures Leaks in Plastic Pipe	V .	V .						
Pressurised Water & Gravity Sewers	V	V .						
Wall Thickness for Cement Asbestos	V	V .						
Able to Find Leaks With 'NO FLOW'	V	V						
Repeatability of Leak Location +2years	V	V		0		0		

KEY ADVANTAGES

- No Lost Balls or Spheres. 100% Retrieval Since We're Tethered.
- No False-Positives from 'Hitting' the Pipe Wall like Acoustic. Not Possible With Ohm's Law.
- No Missed Leaks. We Find Them All.
- No Guessing 'Which Leak is Larger?' Each Has a Liters per Second or GPM.
- No High Pressure Needed. We're Pressure-Independent; Able to Scan 0-175 psi (12 bar).
- No Long Wait for Reports. Data is Available in Minutes!
- No Estimated Locations or Ranges. Pinpoint Locational Accuracy of 1cm (0.4in).
- No Late Night / Early Morning Testing. Ambient Noise & Customer Pipe Usage Is Not a Factor.
- No Effect from High Groundwater Surrounding Pipes. Electro Scan Measures Size of Hole.
- No Need to Increase Pipe Pressure to Hear Leak. Electro Scan Is Non-Acoustic.



electro scaning.

SURVEY REPEATABILITY

1. Low Accuracy Low Repeatability





2. Low Accuracy High Repeatability





3. Medium Accuracy Low Repeatability



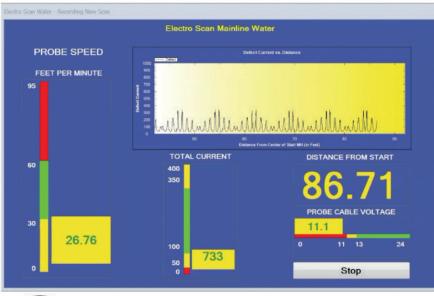


FIBER OPTIC

4. High Accuracy
High Repeatability

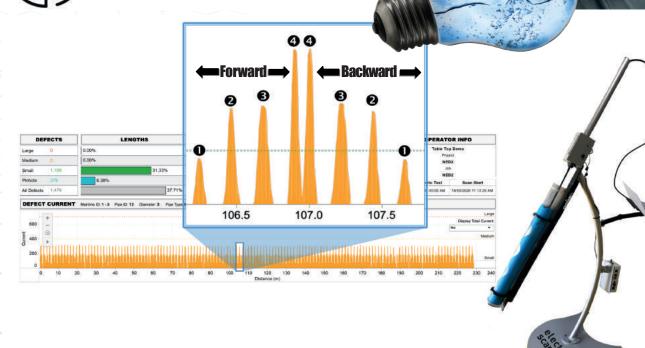






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Conductivity Benchmark Testing





PIPE MATERIALS

ABS Acrylonitrile-butadiene-styrene ACP Asbestos Cement Pipe BRK Brick **CMLSP** Cement Mortar Lined Steel CON Concrete CIPP Cured-In-Place Pipe DIP Ductile Iron (w/Protector 401) FRP Fiberglass Reinforced Pipe **FRPM** Fiberglass Reinforced Polymer GRP Glass Reinforced Pipe **HDPE** High Density Polyethylene ORP Orangeburg Pipe

Polybutylene

PCCP Prestressed Concrete Cylinder Pipe PE Polyethylene **PFP** Pitch Fiber Pipe

PP Plastic Pipe **PVC** Polyvinyl Chloride **RCP** Reinforced Concrete Pipe

RPM Reinforced Plastic Mortar RTR Reinforced Thermosetting Resin

SIPP Spray-in-Place Pipe SPR Spiral Wound Pipe TC Terracotta or Clay Pipe VCP Vitrified Clay Pipe



PRE-REHABILITATION



PB

Asbestos Cement Pipe

Electro Scan FELL is unique in its ability to geometrically map the remaining wall, i.e. corrosion of ACP.

Finding & Measuring Pipe Corrosion Using Electro Scan's Patented Data Analytics

CORROSION DEFECT FLOW

As demonstrated by independent bench-marks, since acoustic and transient pressure sensors are unable to provide detail geometric assessments of pipe walls, and therefore unable to

therefore unable to estimate remaining pipe walls, Electro Scan represents a game changing solution to assess & prioritize ACP.







High Density Polyethylene Pine

Poor mechanical or fused joints are the Achilles heel of HDPE, and not seen by CCTV cameras or heard by acoustic data loggers or sensors. But, found & quantified by FELL in accordance with ASTM F2550.

Evenly

What Electro Scan Finds Most?

Inadequate Clamping or Restraint during Fusion (Below)



Prestressed

Concrete

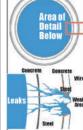
Cylinder Pine

Electro Scan represents the only technology able to reliably & consistently find & measure leaks in GPM.



Superior to acoustic and electromagnetic sensors, Electro Scan's Low Volt-age Conductivity detects leaks other technologies

How PCCP Fails?







Vitrified Clay Pipe

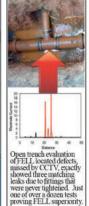


It doesn't matter whether you evaluate VCP from the outside or inside of a pipe, CCTV. Laser, LIDAR, Sonar, GPR, or Acoustic, are not able to detect or measure defect flows.



Electro Scan's FELL is the only technology, repre-senting a Non-Destructive Test (NDT) able to follow a 90° pipe bend to locate a pathway for water to enter or exit a pipe.

By measuring the change in current and the amount of flow, the size of the opening can be computed and translated into an estimated GPM.



POST-REHABILITATION



Cured-In-**Place Pipe**



LEAKS



PINHOLES





- RECOMMENDED USE:
 To Find & Quantify Leakage
 Accelerant Burns
 Accidental Cuts
 Bad Service Recom
 Bad Lateral Liners
- Blisters Delamination
- Defective Epoxy Equipment Dama Foreign Objects Pinholes Poor Curing
- Overcooking Stretching Top-Hat Defects Wet-Out Failures

Wrinkles, including: Buckling, Fins, Folds, Lifts, and Ridges



Grout

FELL is now preferred over using traditional packers to test joints for water tightness, due to FELL's Non-Destructive Testing (NDT) of joints, laterals, and cracks.



Unlike air testing, FELL does not force any added pressure on joints or laterals. Since air testing atterats. Since air testing can open joints, shift pipes, and even temporarily correct out-of-round conditions in plastic pipes as areas around joints are inflated, packers are no longer recommended for testing the quality of joints or laterals.



DEGRADED GROUT 0

All Readings Below 1,000 amps STILL OK.

RECOMMENDED USE: 1. All Pre-Grouted Pipes

Post-Grouted Pipes, 6-12 Months After Grout to Detect Drying or Shrinkage.

3. Prior to Warranty Acceptance.



Spray-In-Place **Pipe**

(NEW) SIPP

CCTV

Found

By FELL

RECOMMENDED USE:

2. Post-SIPP All Liners.

Prior to Warranty Acceptance.

1. Pre-SIPP.

1111



Spiral Wrap Pipe















RECOMMENDED USE: 1. Pre-Spiral Wran.

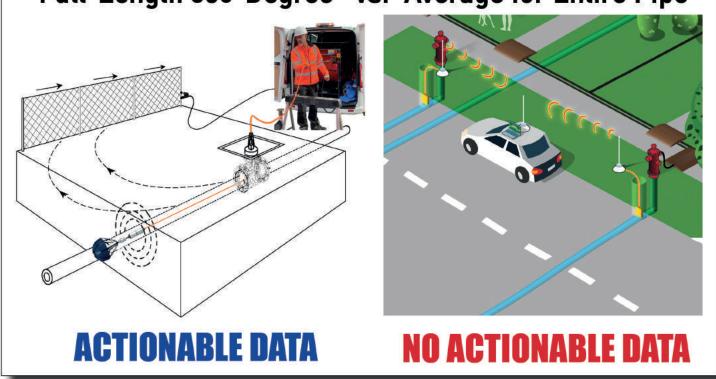
- 2. Post-Spiral Wran.
- Prior to Warra Accentance.



PIPE WALL THICKNESS

Asbestos Cement (AC) Pipe Testing FULL-LENGTH 360-DEGREE ASSESSMENT BY SIX-FOOT GOOD BAD Wall Thickness Measured By Electro Scan. Missed By Acoustic Sensors & CCTV Cameras.







ILLEGAL & LEAKING TAP CONNECTION ASSESSMENTS





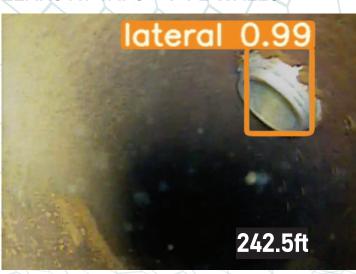


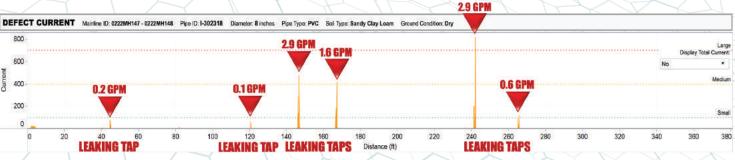




ELECTRO SCAN USES PINPOINT ACCURACY AND AI-CCTV TO ACCURATELY IDENTIFY LEAKS AT TAPS v. PIPE WALLS









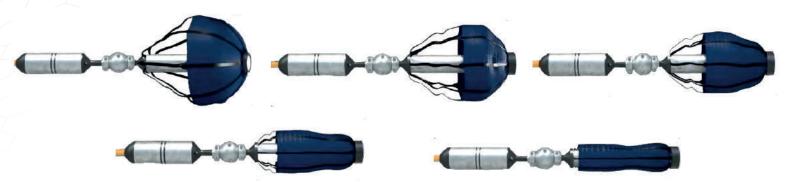






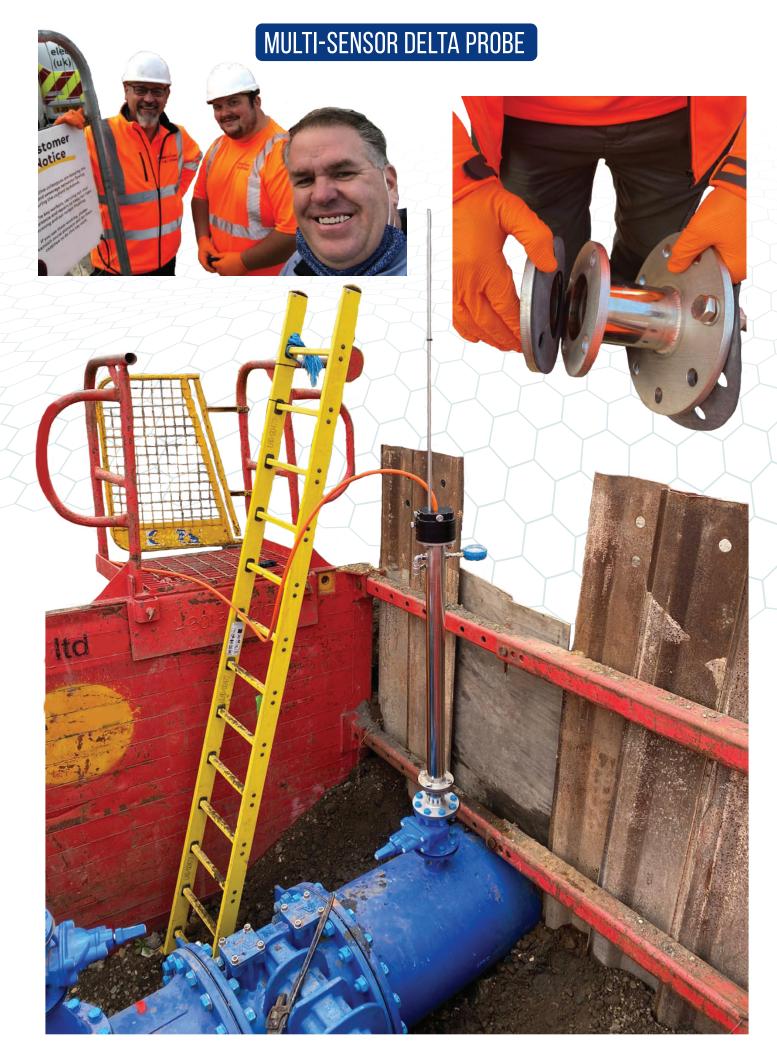


Condition	Performance
Features	Low Voltage Conductivity FELL, CCTV, Acoustic Hydrophone, Pressure Sensor
	,
Pipe Diameters	3-60 inches (76-1500mm)
Pressure	ZERO to 12 bar (175 psi)
Temperatures	41-86° F / 5-30° C
Common Launch Points	Air Release Valves, Blow Off Valves, Gate Valves, Hot Taps, Hydrants, and Meters
Flow Rate	Min. Flow Rate for Hydrochute Propulsion is 0.3m/sec. Pull-Through able to handle NO FLOW conditions.
Pricing	Per Day or Per Meter Based on Project Size, Access Difficulty, Insertion Points, Diameters, and Traffic Control
Pipe Lengths Per Survey	1km Recommended for CCTV. Up to 2km with specialised equipment.
Average Production	1-2 Pipe Sections per Day



* Integrated Acoustic Sensor lets utilities compare results with Conductivity, revealing what they are 'not' hearing.

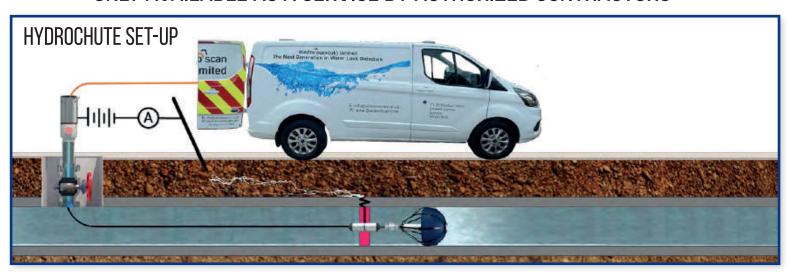
electro scaninc.





MULTI-SENSOR DELTA PROBE

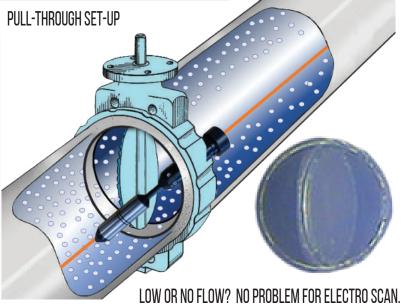
ONLY AVAILABLE AS A SERVICE BY AUTHORIZED CONTRACTORS





OVER 3,000 PRESSURIZED PIPE INSERTIONS



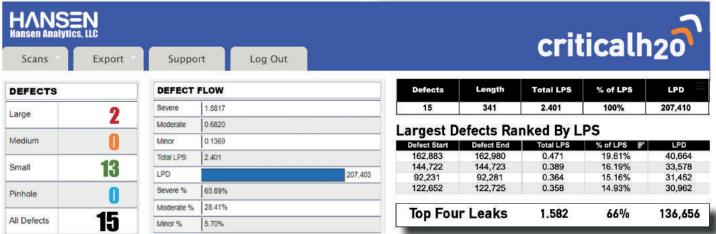


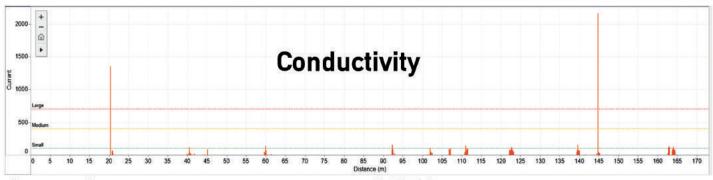


SAMPLE SURVEY DATA

Pipe	Description
Length	170m (560ft)
Diameter	600mm (24in)
Material	Cement Mortar Lined Ductile Iron
Pressure	130.5 psi (9 bar)
Test Date	17 September 2020
Prior Leak Testing	Hydrostatic Pressure Test (FAILED) Tethered Acoustic (NO LEAKS) Un-Tethered Sphere (NO LEAKS) Surface Data Logger (NO LEAKS) Listening Stick (NO LEAKS)







Acoustic - ONLY FALSE-POSITIVES

CCTV





MULTI-SENSOR TRIDENT PROBE

Pressurized Water Main Leak Detection. Finding & Measuring Leaks in GPM or LPS.











Condition	Performance
Probe Sensors	Low Voltage Conductivity FELL and CCTV
Pipe Diameters	4-10 inches (100-255mm)
Pressure	0 to 160 psi (11 bar)
Temperatures	5-30°C, 41-86°F
Flow Rate	Push Cable able to handle flow or no-flow conditions
Pricing	Per Day or Per Meter Based on Total Project Size
Launch Points	Hydrants, Air Release Valves, Blow Off Valves,
	Gate Valves, Hot Taps, Meters
Pipe Length Per Survey	Up to 400ft (120m) in either direction from access
Construction	High impact ABS & powder-coated, zinc-plated mild steel
Dimensions (Length x Width)	5 inches x 1.6 inches
Camera Features	Display: 10.1", 1280 x 800 HD color TFT Storage: Internal 128Gb, USB flash storage supported Power Options: Mains Input (100-240 VAC), DC Output (16 VDC) or Built-In Battery (4S2P) Focal Range: 10mm to ∞ Active Pixels: 768 x 492 (NTSC) / 765 x 582 (PAL) LED Luminance: ≥ 208 Lumens

Resolution: ≥ 460 TVL



STANDARD OPERATING PROCEDUTRE

Hydrant, Hot Tap, or Valve Hydrant Entry Hot Tap







Actual Field Insertion









Chlorination & Cleaning







In addition to passing 'materials in contact' testing requirements, Electro Scan does not use any equipment except as designed for water networks, with all components cleaned & sanitized befor its use in pressurized water mains.

nsertion Tube







Electro Scan's insertion tube is carefully lowered into place and secured before inserting its multi-sensor probe.

Probe Launch

probe is lowered into the nsertion tube with the pipe





Utilizing a two-person team, Electro Scan's Trident is spooled off the reel and then pushed through the insertion tube for initial deployment.



Data & Video Capture



CCTV Push Forward Direction

Closed-Circuit Television (CCTV) video is automatically captured and streamed real-time so operators can navigate through valves and around obstructions.



Electro Scan Pull Back Direction Once a maximum distance is achieved (up to 400ft or 120m), then the operator begin recording Electro Scan data as the probe is pulled back through the pipe.



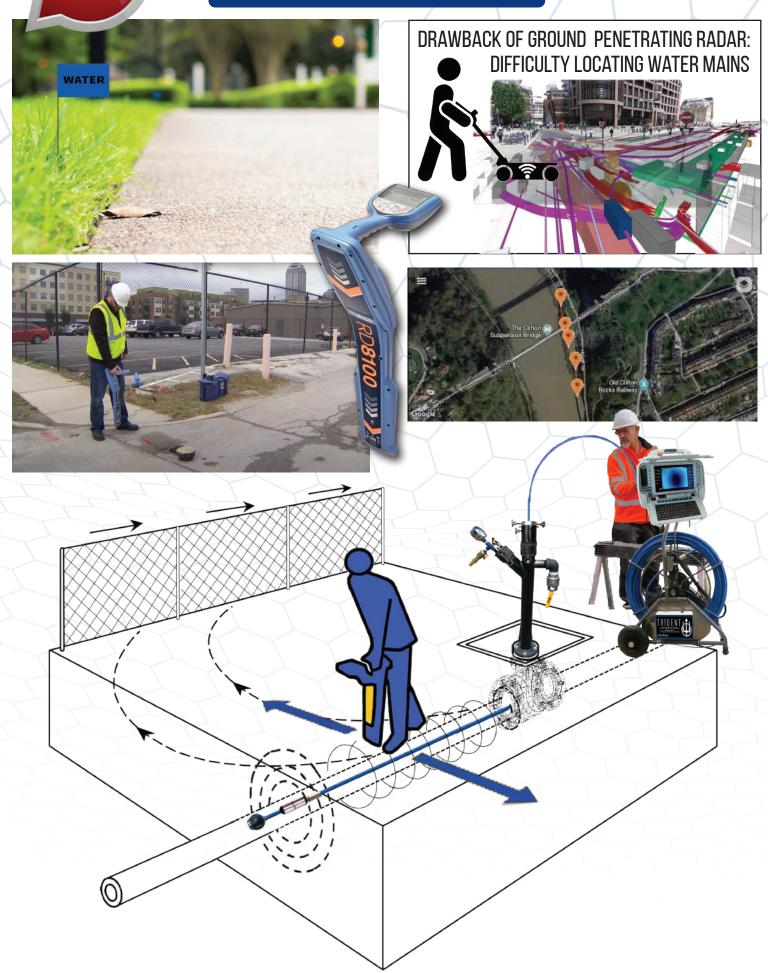
After the probe has exited the water main, while still in the insertion tube, the gate valve may may be closed to allow for the probe to be fully retrieved from





LINE LOCATION

new



Page 16

electro scaning.



WATER LEAK TRAINING CENTER



INSTRUCTION

HANDS-ON TRAINING

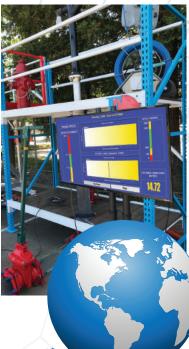
IN-PIPE NAVIGATION

AUTOMATIC DATA CAPTURE







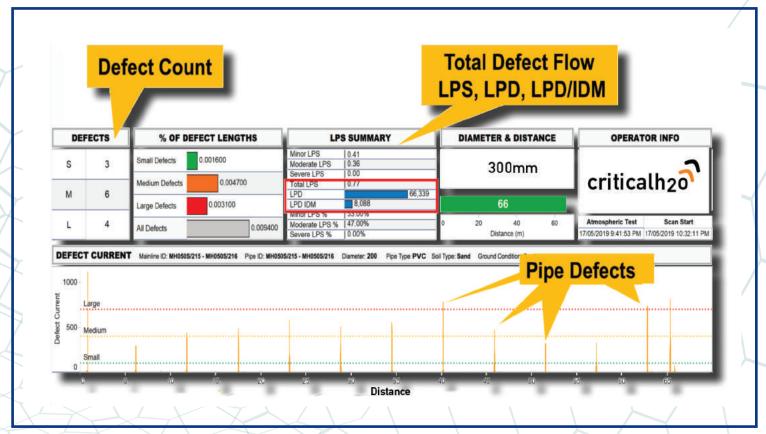




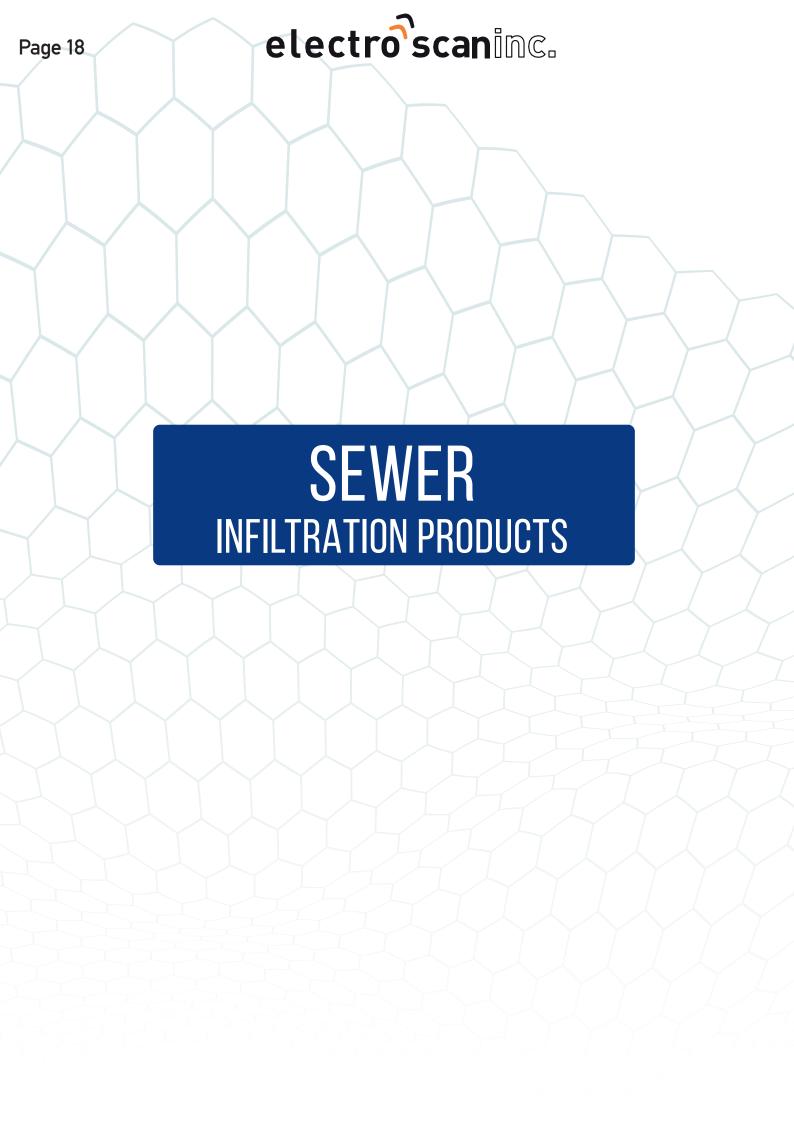




CRITICAL H20 CLOUD APPLICATION









ES-600 CCTV TRUCK INTEGRATION ES-670, ES-660, ES-650, ES-400

L3 000 001 V 11100K INTEGRATION L3 070, L3 000, L3 000, L3 400





Cues

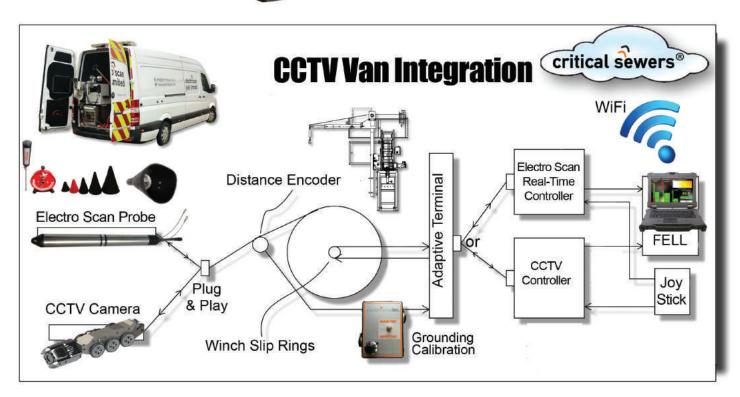














ES-600 STANDARD SPECIFICATIONS AND FEATURES

	Conveyance	Combined Sewer & Storm Systems, Separated Gravity Mains, Gravity Water Mains, Force Mains, Siphons, and Stormwater Networks.			
	Required Flow	None. Dry, Partic	ally, or Fully-Surcharge	ed Flow. Aided by Jet Truck.	
		Pipe Diameters	ES-670: Up to 72 inch (1800mm) ES-660: 6 to 60 inch (150 to 1500mm) ES-650: 6 to 30 inch (150 to 800mm) ES-400: 4 to 16 inch (100 to 400mm)		
	Pipes	Pipe Shape	Any, including Circular, Box, Egg-shaped, Oval, and Trapezoidal.		
		Pipe Materials	Any Electrically Non-Conductive Pipe Walls, including Asbestos Cement, Brick, Cement Mortar Lined and Coated Steel, Cured-In-Place Pipe, Ductile Iron with Epoxy Coatings, Fiberglass Reinforced Pipe, High-Density Polyethylene Pipe, Prestressed Concrete Cyl-inder Pipe, Polyethylene, Polyvinyl Chloride, Reinforced Concrete, Vitrified Clay Pipe, etc.		
		Dimensions	ES-660 & ES-670 Leng	th: 36 in (914mm); Diameter: 3 in (76mm)	
		Scan Recording	Critical Sewers® Field Sewers® Cloud Appli	Laptop PC, Wifi Connection to Critical cation.	
		Speed	45-60 ft/minute (15-20 meters/minute)		
ES-600	System Specification	Operating Temperature	20°F to 120°F (-7°C to 50°C)		
Series		Power Supply	120VAC / 60Hz - or - 220VAC / 50Hz		
		Range	1,500 ft (460m) range from single point of access.		
		Current (max)	40 mA		
		Electrical Array	Focused tri-electrode array		
		Defect Flow Calculation	± 30% Accuracy measured in Gallons Per Minute (GPM) or Liters Per Second (LPS).		
		Defect Location	ES-650 & ES-660 ±0.4	inches (1cm) ES-670 ±1 inch (2.5cm)	
	Advantages	 No manual coding required. Finds & measures all leaks at cracks, joints, tap connections, and pipe wall. Measures leaks in GPM (LPS). No bypass pumping required for inspection. Use in field rain or shine. Recommended for all Pre- and Post-Rehabilitation. Finds defects not seen by CCTV, such as inside joints. Differentiates superficial cracks from cracks through pipe. 		 Finds & measures defects hidden by grease, silt, & encrustation. Automatically evaluates 360° of pipe wall. Determines water tightness of sewers & lateral connections. Robust design has no moving parts. Recommended by WRc, developers of NASSCO CCTV Codes. Reports available in minutes, not hours, days, or weeks. 	
	Limitations	Does not provide a clock position of d but location is accurate to within 0.4 in 2. Cannot scan pipes with obstructions o		ches (1cm).	



ES-600 PORTABLE ES-670, ES-660, ES-650, & ES-400

PORTABLE SYSTEMS UTILIZE CUES K2 PORTABLE REEL OR EQUIVALENT





*FOR DIFFICULT TO ACCESS LOCATIONS AND EQUIPMENT PORTABILITY.





ES-400 PUSH ROD

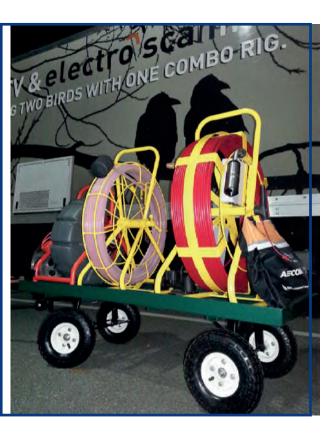
PIPES		PIPE DIAMETERS	4 TO 24 INCH (100 TO 600MM)
	PIPE SHAPE	ANY, INCLUDING CIRCULAR, BOX, EGG-SHAPED, OVAL, AND TRAPEZOIDAL.	
	PIPES	PIPE MATERIALS	ELECTRICALLY NON-CONDUCTIVE PIPE WALLS, INCLUDING ASBESTOS CEMENT, BRICK, CEMENT MORTAR LINED AND COATED STEEL, CURED-IN-PLACE PIPE, DUCTILE IRON WITH EPOXY COATINGS, FIBERGLASS REINFORCED PIPE, HIGH-DEN-SITY POLYETHYLENE PIPE, PRESTRESSED CONCRETE CYLINDER PIPE, POLYETHYLENE, POLYVINYL CHLORIDE, REINFORCED CONCRETE, VITRIFIED CLAY PIPE, ETC.
		DIMENSIONS	LENGTH: 8 IN (203MM); DIAMETER: 2.2 IN (56MM)
ES-400	SYSTEM	SCAN RECORDING	CRITICAL SEWERS® FIELD LAPTOP PC, WIFI CONNECTION TO CRITICAL SEWERS® CLOUD APPLICATION.
	SPECIFICATION	SPEED	30 FT/MINUTE (10M/MINUTE)
		ENVIRONMENTAL	IP 67. ABLE TO WITHSTAND RAIN AND LOW PRESSURE WASH DOWN. 20 ⁰ f to 120 ⁰ f (-7 ⁰ c to 50 ⁰ c)
		POWER SUPPLY	12V RECHARGEABLE EXTERNAL BATTERY PACK -OR- 12V DC EXTERNAL POWER SUPPLY.
		REEL	SPOOL DIAMETER 39 INCHES, L32 INCHES, W20 INCHES, H38 INCHES L81CM, W51CM, H96CM
		CURRENT (MAX)	40 MA
		ELECTRICAL ARRAY	FOCUSED TRI-ELECTRODE ARRAY
		DEFECT FLOW CALCULATION	±30% ACCURACY MEASURED IN GALLONS PER MINUTE (GPM) OR LITERS PER SECOND (LPS)
		DEFECT LOCATION	±0.4 INCHES (1CM)
	K TY	WEIGHT	PROBE: 2.95 LB (1.34KG) TOTAL WEIGHT 80LBS (36KG)





ES-200 PUSH ROD

		PIPE DIAMETERS	3 TO 8 INCH (76 TO 200MM)
		PIPE SHAPE	ANY, INCLUDING CIRCULAR, BOX, EGG-SHAPED, OVAL, AND TRAPEZOIDAL.
PIPES	PIPES	PIPE MATERIALS	ELECTRICALLY NON-CONDUCTIVE PIPE WALLS, INCLUDING ASBESTOS CEMENT, BRICK, CEMENT MORTAR LINED AND COATED STEEL, CURED-IN-PLACE PIPE, DUCTILE IRON WITH EPOXY COATINGS, FIBERGLASS REINFORCED PIPE, HIGH-DEN-SITY POLYETHYLENE PIPE, PRESTRESSED CONCRETE CYLINDER PIPE, POLYETHYLENE, POLYVINYL CHLORIDE, REINFORCED CONCRETE, VITRIFIED CLAY PIPE, ETC.
		DIMENSIONS	LENGTH: 6.5 INCHES (165MM); DIAMETER: 1.57 INCHES (39.88MM)
ES-200	SYSTEM	SCAN RECORDING	CRITICAL SEWERS® FIELD LAPTOP PC, WIFI CONNECTION TO CRITICAL SEWERS® CLOUD APPLICATION.
	SPECIFICATION	SPEED	30 FT/MINUTE (10M/MINUTE)
		ENVIRONMENTAL	IP 67. ABLE TO WITHSTAND RAIN AND LOW PRESSURE WASH DOWN. 20 ⁰ f to 120 ⁰ f (-7 ⁰ c to 50 ⁰ c)
		POWER SUPPLY	12V RECHARGEABLE EXTERNAL BATTERY PACK -OR- 12V DC EXTERNAL POWER SUPPLY.
		REEL	SPOOL DIAMETER 26 INCHES, L26 INCHES, W12 INCHES, H32 INCHES L66CM, W30CM, H81CM
		CURRENT (MAX)	40 MA
		ELECTRICAL ARRAY	FOCUSED TRI-ELECTRODE ARRAY
		DEFECT FLOW CALCULATION	±30% ACCURACY MEASURED IN GALLONS PER MINUTE (GPM) OR LITERS PER SECOND (LPS)
		DEFECT LOCATION	±0.4 INCHES (1CM)
		WEIGHT	PROBE: 1.1 LB (.50KG) 50LBS (23KG)







CRITICAL SEWERS® CLOUD APPLICATION

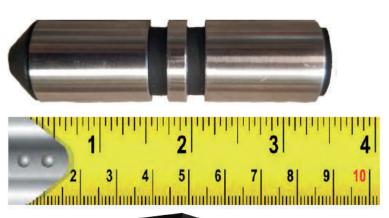




PLUMBER'S WATER & SEWER LEAK DETECTION



ES-25 & ES-50 PUSH RODS FOR WATER







ES-25 & ES-50 PROBES

PIPE DIAMETERS: 1-2 INCHES (25-50MM) | 2-4 INCHES (50-100MM)

APPLICATIONS:

LEAK DETECTION FOR RESIDENTIAL & COMMERCIAL PLUMBING, AND INDUSTRIAL PLANT, HYDRANT ENTRY, HIGHLY TUBERCULATED WATER MAINS TO MINIMIZE DISRUPTION, ASSESSMENT OF VERTICAL PIPES, INCLUDING CIPP WATERTIGHTNESS TESTING.



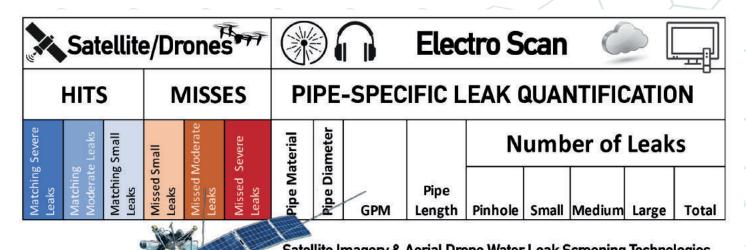


ES-38 & ES-250 PUSH RODS FOR SEWER





CONFIRM SATELLITE 'POINTS OF INTEREST'



Satellite Imagery & Aerial Drone Water Leak Screening Technologies APEM, Orbital Eye, Orbital Sidekick, Parrot, Rezatec, Satelytics, Utilis, WADI, Workswell **Don't Let 'MISSED' Leaks Using Acoustic Sensors Turn You 'Off** to Using Satellites or Drones to Screen for Leaks!

Use Teetro Sean as Your Books-on-the-Ground' To Locate With 1cm Accuracy & Severity in CPM.

electro scaning.

Specific Pricing Available Upon Request

SERVICES

CONTRACT SERVICES

Direct Services By Electro Scan's International Field Teams

TECHNOLOGY LICENSING

Licensing to 3rd Party
Authorized Contractors Utilizing
Electro Scan Certified Equipment
Cloud Licensing Per Seat and Enterprise





ACCURATE, FAST, REPEATABLE





SALES & SERVICES

Worldwide

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