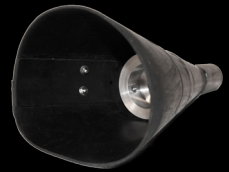
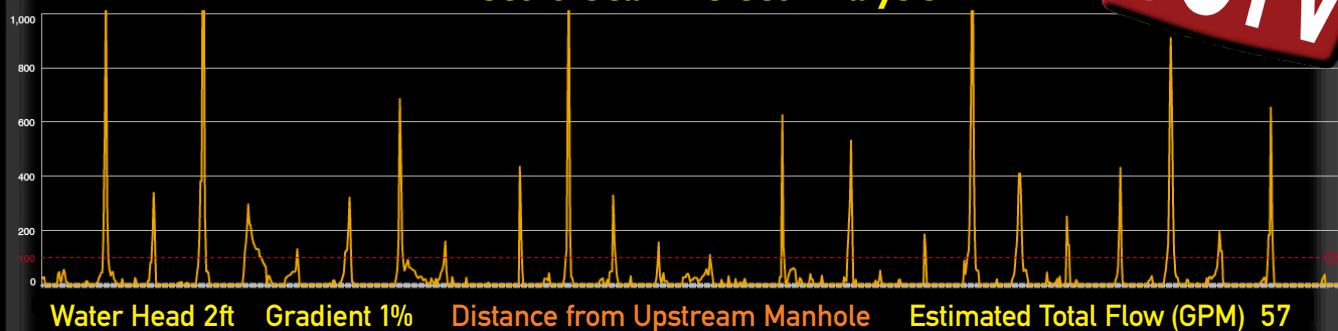


# ES-620 FOR SEWER MAINS™



## Electro Scan Defect Analysis



NOT SEEN ON  
**CCTV**

electro<sup>scan</sup>inc.

# CERTIFY LINING JOBS | FIND INFILTRATION

The ES-620 for Sewer Mains™ is designed for scanning sewer pipes from 6 to 20 inches in diameter and has been especially designed to integrate with your CUES truck. Available as an add-on product for use with a customer's existing CCTV truck, the Electro Scan ES-620 for Sewer Mains™ is designed to easily and quickly "plug & play" with existine CCTV onboard electronics, removing TV cameras on-the-fly and substituting the ES-620 for Sewer Mains™. Data from the ES-620 Probe is transmitted via existing cable and onboard rotary distance encoders to display information in the Electro Scan Laptop application. Data is automatically transmitted to Electro Scan's CriticalSewers™ cloud application.

Electro Scan's proprietary technology measures the variations of electricity flowing through pipe defects, automatically transmitting defect location and relative size, accurate within one (1) centimeter. While electricity cannot pass through non-conductive pipe walls (e.g. brick, cement, clay, reinforced concrete, plastic, pipe lining resins, etc.), it will pass through any defect that can cause water leaks.



Required accessories that are integral to the operation of the ES-620 for Sewer Mains™, include the ES-CCTV Integration Kit™, ES-620 Funnel Plug Jet Attachment™, ES-620 ByPass Plug, ES-Downstream Bypass Funnel Plug™, and ES-Side Wedge Pulley™. Electro Scan Support Plans, priced separately.

1. Certify New Pipe Construction and Lining Projects as "Leak Free"
2. Find Your Infiltration & Quantity in GPM.
3. Combine with CCTV and Make Sure You Fix Your Worst Pipe, First.



## ES-620 for Sewer Mains™

Pipe	Diameter	6 to 60 inch (150 to 1500 mm)
	Material	Electrically non-conducting e.g. clay, plastic, concrete, reinforced concrete
620 Probe (6 to 20 inch pipe)	Length	32 in (990 mm)
	Diameter	2.875 in (73 mm)
Distance	Accuracy	+/- 6 in (150mm)
	Resolution	0.5 in (10mm)
	System	Shaft encoder pulley coupled to cable
Scan Speed		50 ft/minute (10m/minute)
Scan Recorder	Smart Phone Operating System	via blue tooth with smartphone App Android 2.3
Scan Processing & Reporting	Cloud Computing App	Transmitted via smart phone According to Support Plan with access at <a href="http://www.criticalsewers.com">www.criticalsewers.com</a>
Power Supply	External	12Vdc 0.5Amp
Environmental	IP 67	Withstand rain and low pressure wash down
	Operation Temp.	25° to + 120° F (-4° to + 49° C)
Warranty	Electronics	5 years
Accessories (included)		Smartphone App Mandril 4" (6" & 8" lines) Funnel Plug 8" Funnel Plug 6" Funnel Plug - Water Saver System 6 & 8" Cable Pulley - Top & cable cleaner Cable Pulley - Bottom Offset Jet Hose extractor Retrieval hook (20 ft) Ground Stake Probe Calibration and Ground Cable Reel:100ft(30m) Probe Reel to Ground Reel Connection Cable Operation Manual

**electro  
scaninc.**

Electro Scan's ES-620 for Sewer Mains™ Complies with ASTM Standard F2550-06