

# ES-225 FOR SEWERAGE ASSETS™

150-225mm Pipe Diameters



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# CERTIFY LINING JOBS | FIND INFILTRATION

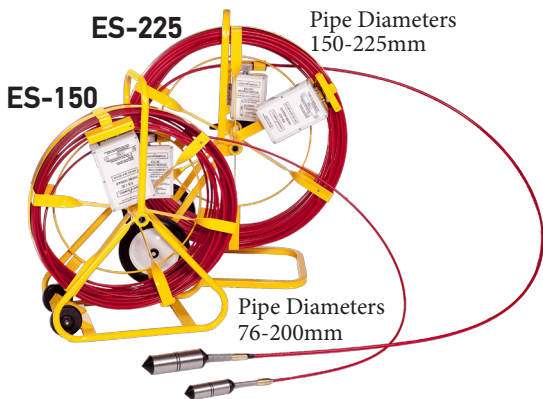
The ES-225 for Sewerage Assets™ is designed for scanning sewerage and stormwater pipes 150mm to 225mm in diameter. Electro Scan's proprietary technology measures the variations of electricity flowing through pipe defects, automatically transmitting defect location and relative size, accurate to within one (1) centimeter.

While electricity cannot not 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.

The ES-225 for Sewerage Assets™ includes items to facilitate recommended electrical grounding of the Electro Scan Probe used in conjunction with the Company's authorised Smartphone Application, available for download from Google Play (i.e. formerly Android Market). Data is automatically sent via Bluetooth to the ES-Smartphone where it may be available for printing on an ES-Field Printer, separately licensed and sold. Data is automatically transmitted to Electro Scan's CriticalSewers™ cloud application where data is stored in a password-protected hosted environment, available for review, print, or export to Asset Management, GIS, and Hydraulic Modeling systems. Electro Scan Support Plans, priced separately.



ES-225 for Sewerage Assets		Pipe Diameter Material	150 to 225mm (6-9in) Electrically non-conducting e.g. brick, clay, plastic, concrete, reinforced concrete
Probe	Length	260 mm (8.1in)	
	Diameter	55.88mm (2.2in)	Negotiates 90 degree elbow in 100mm (4in) pipe
Distance	Accuracy	+/- 6 in (150mm)	
	Resolution System	0.5 in (10mm)	Shaft encoder pulley coupled to cable
Scan Speed		10m/minute (30 ft/minute)	
Scan Recorder	Smart Phone Operating System	Bluetooth communication with Smartphone App	Android 2.3 or higher
Scan Processing & Reporting	Cloud Computing App	Transmitted via Smartphone	According to Support Plan with access at <a href="http://www.criticalsewers.com">www.criticalsewers.com</a>
Cable	Type	Fiberglass Push Rod	
	Diameter Length	1.11cm (7/16" in) Diameter 111m (350ft)	
Reel	Diameter	Diameter 79cm, L84cm, W48cm, H99cm	
	Weight	Diameter 31in, L33in, W19in, H39in 43.5kg (96lbs)	
Power Supply	Internal Battery	12# AA Alkaline Dry Cell	
	Operation Duration	40 hours	Low Battery Indicator
Environmental	IP 67	Withstand rain and low pressure wash down	
Warranty	Operation Temp.	-4° to + 49°C (25° to + 120°F)	
	Electronics	1 year (Normal Wear and Tear)	
Accessories (All Included)		Smartphone App (Available at Google Play) Ground Stake Probe Calibration & Ground Cable Reel: 100ft (30m) Probe Reel to Ground Reel Connection Cable Accessories Bag	



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