

FLEXIBLE TRACER

The Flexible Tracer is highly effective at locating and tracing the route of small diameter, non-metallic ducts, pipes, sewers and drains.

When used with any C.Scope Cable Locator and Signal Generator, both the route of a non-metallic pipe and a particular end point can be pinpointed with the Flexible Tracer. This is particularly useful for identifying the position of any blockages or obstructions within the pipe. If a depth measuring Locator is being used then it is also possible to know the depth of the pipe/blockage.

The Flexible Tracer comprises a continuous fibreglass rod housed in a reel that rotates on an axle. The axle has a slip-ring allowing the Signal Generator to remain connected to the connection terminals of the Flexible Tracer whilst it is being inserted into the pipe to be traced. A tiny Sonde is built into the tip of the Flexible Tracer allowing the end point of the Tracer to also be located. This Sonde is also flexible.



Flexible Tracer SPECIFICATION

Product Name	80 m Flexible Tracer (260')	
Part No.	Y1RRFT-80	
Frequency	Optimised for 32,768Hz	
Detection Depth Range:		
Line Detection	3m (10 foot) dependent upon Locator and Signal Generator type and site conditions	
Tip Detection	4m (13 foot) dependent upon Locator and Signal Generator type and site conditions	
Compatibility	Any Signal Generator or Transmitter with 33kHz or 33/131kHz combined output	
Rod Length	80 m (260')	
Rod Diameter	5 mm nominal (0.2")	
Rod Material	Quality sleeved fibreglass rod with three integral copper wires	
Rod Minimum Bend Radius	10 cm (3.9") reducing to 15 cm (5.9"), 5 cm (1.9") from Tip	
Rod wire diameter	0.45 mm each wire (0.018")	
Tip Length	160 mm (6.3")	
Tip Diameter	9.5 mm (0.37")	
Tip Material	Brass	
Frame Size	58.8 x 28.8 x 48.5 cm (1'11" x 11.3" x 1'7")	
Frame Material	Powder coated 16 mm steel tube (0.6")	
Reel Diameter	48 cm (1'7")	
Weight	7.5 kg (16 pound 8.5 ounces)	
Slip ring assembly	Sealed multi-wire duplexed	
Operational Temperature Range	-20°C to 50°C (-4°F to 122°F)	
Storage Temperature Range	-20°C to 50°C (-4°F to 122°F)	
IP rating for Tracer Rod & Tip	68	
IP rating for Casing	54	
IP rating for Terminal Box	66	

Specification subject to change without notice.