



# Vernon Morris Utility Solutions Ltd

Specialist Suppliers to the Utilities

C-SCOPE80 Product Code: C-SCOPE80



## Information

### C.Scope Flexible Tracer 80m

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

### Contact us

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## Key Features:

- Fibreglass rod inside a drum cage mounted in a tubular steel frame.
- 80m of 5mm diameter flexible fibreglass rod with fully integrated 9.5mm diameter Sonde.
- Integral Sonde for tip tracing.
- Integral wire for line tracing.
- Slip Ring allowing drum rotation when in use.
- Rotation brake.
- Unique flexible Sonde performs even in tight angles.
- Robust but lightweight construction.

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 is lightweight and compact making it very easy to transport. It comprises a 6mm diameter, 80m long continuous fibreglass rod housed in a strong 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. Uniquely, this Sonde is also flexible allowing the Flexible Tracer to negotiate bends in a pipe that would ordinarily stop a conventional Sonde from getting past.

There are two main methods for tracing the route of non-metallic pipes using the Flexible Tracer:

**Line Location** – Feed the rod into the pipe/duct and attach one Direct Connection lead of a Signal Generator to one connection terminal of the Tracer and the other Direct Connection lead to an Earth Stake. The Rod can then be located thus identifying the route of the pipe.

**Tip/Sonde Location** – Feed the rod into the pipe/duct and attach one Direct Connection lead of a Signal Generator to one connection terminal of the Tracer and the other Direct Connection lead to the other terminal. This energizes the Sonde at the tip of the Flexible Tracer allowing the end point and the depth of the Flexible Tracer to be identified.

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## C.Scope 80 metre Flexible Tracer

Frequency	Optimised for 32,768Hz
Detection Depth Range:	Line Detection 3 m (dependent upon Locator and Signal Generator type and site conditions) Tip Detection 4 m (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	80m
Rod Diameter	5mm nominal
Rod Material	Quality sleeved fibreglass rod with three integral copper wires
Rod Minimum Bend Radius	10 cm (reducing to 15 cm, 5 cm from Tip)
Rod wire diameter	0.45 mm each wire
Transmitting Sonde Diameter	7.5 mm max.
Tip Length	160 mm
Tip Material	Brass
Frame Size	58.8 x 28.8 x 48.5 cm
Frame Material	Powder coated 16 mm steel tube

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Reel Diameter	48cm
Weight	7.5Kg
Slip ring assembly	Sealed multi-wire duplexed
Operational Temperature Range	-20°C to 50°C
Storage Temperature Range	-20°C to 50°C
IP rating	for Tracer Rod & Tip 68 for Casing 54 for Terminal Box 66

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Availability: In Stock

£**POA**

Please enquire for the latest pricing & availability information for this item

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