

C.SCOPE CABLE AVOIDANCE EQUIPMENT



CXL3 Cable Avoidance Tool
DXL3 Cable Avoidance Tool with depth measurement
SGA3 Signal Generator
Analogue cable avoidance equipment.



C.SCOPE

The logo is positioned over a cross-sectional illustration of underground utilities. From top to bottom, it shows a layer of soil, a red cable, a blue pipe, and a grey metal pipe with support brackets.

The C.Scope CSCAT-CXL3 and CSCAT-DXL3 Cable Avoidance Tools and SGA3 Signal Generator are the classic style, industry standard Locator and Signal Generator used to detect buried pipes and cables prior to excavation.

Hitting and damaging buried services when excavating is costly and potentially very dangerous. The C.Scope CSCAT-CXL3 and CSCAT-DXL3 Cable Avoidance Tools and SGA3 Signal Generator are the ideal 'pick-up-and-go' tools to locate buried pipes and cables, quickly and reliably, time after time. Better by design, the C.Scope Cable Avoidance Tool is a rugged tool, easily able to withstand the rigours of life on construction and civil engineering sites and for utility maintenance work.



SAFE, SIMPLE, QUICK AND RELIABLE

The C.Scope Cable Avoidance Tools have three familiar detection modes (POWER, RADIO AND GENERATOR) to select from. Each mode provides its own specific advantages. Many operators will be familiar with these operating modes.

The **POWER** mode is the quickest way to detect most buried electricity cables by detecting the signal created by the electrical current itself.

The **RADIO** mode detects re-radiated Radio type signals that are often present on metal pipes and cables allowing their position to be determined using just the Cable Avoidance Tool alone.

The **GENERATOR** mode is used to detect the signal applied to a metal pipe or cable by a C.Scope SGA3 Signal Generator. In addition the Generator mode can be used to detect the signal being transmitted by a C.Scope Sonde, Plastic Pipe Tracer or Flexible Tracer for non-metallic pipe tracing.

The CSCAT-DXL3 Cable Avoidance Tool has the additional feature of **Depth Measurement**.

When combined with a C.Scope **SGA3 Signal Generator** and accessories, the Cable Avoidance Tool becomes a versatile, all round pipe and cable locating and tracing package. Robustly made and equipped with LCD meter, detachable loudspeaker and easy-to-operate fingertip controls the C.Scope Cable Avoidance Tool is the ideal Locator for all levels of staff who need to be able to detect buried services quickly and with confidence.

INCREASED EFFECTIVENESS, LESS CABLE STRIKES

The SGA3 Signal Generator is designed for use alongside an XL3 Cable Avoidance Tool. Using the combination of a Signal Generator with a Cable Avoidance Tool makes the task of cable avoidance far more effective and significantly increases the number of buried services that can be detected and reducing the day-to-day risk of cable strikes.

The 33kHz SGA3 Signal Generator can energise a buried metal pipe or cable either by 'direct connection' to the target pipe or cable or the simpler 'induction' method from above ground.

The C.Scope SGA3 will optimise the performance of the Cable Avoidance Tool enabling operators to locate more buried utilities including street lighting cables.

The SGA3 features a two position power level adjustment so the operator has control of how much power is in use and when. A Pulsed or Continuous signal output allows operators to switch to the Pulsed Mode at the push of a button in high interference situations and keep on tracing. The SGA3 has a clear audible signal output to indicate when it is in operation. A useful in-built audio mute control is also included.

TRAINING

C.Scope provide a comprehensive training course including certification for the use of all our products.

CXL3 Cable Avoidance Tool



Power Mode

Radio Mode

Generator Mode:

33kHz frequency detection for locating utilities

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Liquid Crystal display (LCD)

Real Audio response

Provision for spare battery storage

Retractable loudspeaker

Annual Calibration checks required

Fully weatherproof design to IP65

Three year warranty (conditions apply)

DXL3 Cable Avoidance Tool with depth measurement



Power Mode

Radio Mode

Generator Mode:

33kHz frequency detection for locating utilities

Depth Measurement

Liquid Crystal display (LCD)

Real Audio response

Provision for spare battery storage

Retractable loudspeaker

Annual Calibration checks required

Fully weatherproof design to IP65

Three year warranty (conditions apply)



SGA3 Signal Generator



High and Low switchable Power Output

33kHz Signal Output

Pulsed or Continuous Output Signal

Audio Speaker Mute

Two Signal Application Techniques:

Direct Connection

Induction

In-built Accessory Tray

Fully weatherproof design to IP65

Three year warranty (conditions apply)



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C.SCOPE



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