

# C.SCOPE

ANALOGUE CABLE AVOIDANCE EQUIPMENT.



**CXL3**  
CABLE AVOIDANCE TOOL

**DXL3**  
CABLE AVOIDANCE TOOL  
with Depth Measurement

**SGA3**  
SIGNAL GENERATOR

# The XL3 Range

Hitting and damaging buried services when excavating is often costly and potentially very dangerous.

C.Scope CXL3 and 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.

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 Cable Avoidance

C.Scope XL3 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 already 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 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.

**“Quick, simple and effective cable detection resulting in less cable strikes.”**



## SGA3 Signal Generator

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-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 comprehensive training courses including certification for the use of all our products.

## CXL3 CABLE AVOIDANCE TOOL



Power Mode  
Radio Mode  
Generator Mode  
-  
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

## DXL3 CABLE AVOIDANCE TOOL With Depth Measurement



Power Mode  
Radio Mode  
Generator Mode  
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

## 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)



# C.SCOPE

All C.SCOPE products come with a three year warranty.

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C.Scope has a policy of continuous product development and reserves the right to change the design, specification and labelling without notice. All errors and omissions excepted.

All C.SCOPE Products are manufactured under a quality system accredited to ISO9001:2015

CERTIFIED  
ISO 9001







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