



## Viatic UK Pipe & Cable Location (Super Plus)

Introducing Viatic's range of equipment for locating and tracing underground services.

The range comprises the **ViaCAT 100**, **ViaCAT 200** and **ViaMAP** locators, together with the **ViaTRACE** signal generator, **ViaROD** service tracer and a series of accessories. The ViaCAT 100 is the standard locator, the ViaCAT 200 being capable of indicating the depth of the service (in conjunction with the ViaTRACE signal generator), whilst the ViaMAP, which also has depth indication, is capable of wireless data transfer via Bluetooth.

The ViaCAT has been designed with the main emphasis on safety, our aim being to reduce on-site strike incidents by using the latest electronic technology to significantly reduce the human error element. For maximum safety the ViaCAT always switches on in POWER mode and at full sensitivity, ensuring that the operator is protected from the most dangerous service first.

There are a number of unique user-benefits incorporated into ViaCAT locators. The most significant of these is the automatic pinpointing function, which allows quick and accurate location of the service, without any adjustment by the operator. There is no awkward manual tuning required to pinpoint a service, as there is on other locators, the ViaCAT does it automatically! For added ease of use, quick-guide operating instructions are displayed on the face of the locator in a simple pictographic format.

### ViaCAT 100 Locator

Designed to help avoid damage to underground services during excavation, this locator, with its automatic pinpointing function, is very easy to operate. Active signal tracing is available by using the ViaTRACE signal generator.

- Always switches on in POWER mode for maximum safety - **a feature unique to the ViaCAT**
- Starts with maximum sensitivity for safe operation - **a feature unique to the ViaCAT**
- Automatic pinpointing for quick and accurate location of the service, without any adjustment by the operator - **a feature unique to the ViaCAT**
- Audio visual display with simple LED indicators for maximum convenience
- Pictographic quick-guide instructions are displayed on the face of the locator for easy on-site reference
- In-built test function (user activated), which tests both the hardware and the software to ensure full functionality of the unit - **a feature unique to the ViaCAT**
- Dual mode active tracing (8kHz & 33kHz) for on-site flexibility
- Controls: On/Off & Mode select.
- Frequencies: Power 50/60Hz, Radio 15-30kHz, Generator 8kHz & 33kHz
- Depth range: Power/Generator 3 metres, Radio 2 metres
- Dust and water protection to IP54
- Supplied with six AA (LR6) batteries (battery life 30 hours), user manual and Certificate of Conformity
- **Network Rail approved** (PADS No: 094/020050)

### ViaCAT 200 Locator

Based on the ViaCAT 100, the ViaCAT 200 has the same features and functions, but in addition, is capable of giving depth readout when used in conjunction with the ViaTRACE signal generator.

- Depth readout up to 3 metres, accuracy within 10%.
- **Network Rail approved** (PADS No: 094/020075)



### ViaMAP Locator

The ViaMAP has the same features and functions as the ViaCAT 200, but in addition, is capable of Bluetooth wireless data transfer to suitable GPS equipment.

### ViaTRACE 8/33 Signal Generator

Designed in conjunction with the ViaCAT, to easily and accurately trace the route of, or locate, an underground cable or metal pipe that does not carry a naturally present signal. The ViaTRACE generates a specific "active" signal, which can then be traced using the ViaCAT.

- Frequencies for maximum site flexibility
- Induction and connection output modes
- Rugged sealed case for durability
- Pictographic quick-guide instructions for easy on-site reference
- Battery and output level indicators
- Frequencies: 8kHz or 33kHz or both in connection mode.

- Range: Connection typically 250 m, Induction typically 150m.
- Dust and water protection to IP57 (lid closed)
- Supplied with crocodile connection cable set & earth spike, four C (LR14) batteries (battery life 40 hours), user manual and Certificate of Conformity
- **Network Rail approved** (PADS No: 094/020052)



### ViaROD Service Tracer

Used in conjunction with the ViaCAT locator and ViaTRACE signal generator, to trace a complete length of drain, duct or pipe (non-metallic). The ViaROD comprises a fibre-glass sheathed copper conductor, which is pushed along the service being investigated. The signal generator is connected to the ViaROD and the tracing signal located by the ViaCAT.

- Available in lengths 30 m, 50 m or 80 m
- Dust and water protection to IP57
- Supplied with connections to ViaTRACE cable set

- **Network Rail approved** (PADS No: 094/020051)



### Technical Support / Product & User Training / Service & Calibration

In support of ViaSYSTEM products we are able to provide technical support, product & user training and full service and calibration facilities.