Cable Tracing and Locating
EZi & ULTRA Sytems

GE⬤MAX

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EZiSYSTEM

Every year site workers are injured and equipment damaged due to accidently striking buried cables and pipes. As the complexity of large underground networks continually increases, knowing the location of buried cables and pipes prior to excavation work has never been so important.

i-Series

Easily avoid buried cables and pipes before excavation work
The EZiSYSTEM cable avoidance equipment makes locating buried cables and pipes easy and efficient. With an EZiCAT i-Series locator there is no need to manually adjust the sensitivity, with the unique Automatic Pinpointing feature users can simply press the trigger and start locating.

xf-Series

Easily locate and trace buried utilities over greater distances
The EZiSYSTEM xf-Series utility locating and tracing equipment makes locating buried utilities easy and efficient. The xf-Series locators have additional low frequencies enabling you to locate and trace utilities over longer distances and in congested environments. With an EZiCAT locator there is no need to manually adjust the sensitivity, with the unique Automatic Pinpointing feature users can simply press the trigger and start locating.

EZiCAT i500/i550 Cable & pipe locators
Robust and easy-to-use cable locators

Increase your on-site safety

Robust locators engineered for ease-of-use and packed full of well-known, beneficial features. Making avoiding and locating buried utilities an easy and efficient task. These locators are simple to operate, enabling users to simply press the trigger and start locating.

All EZiCAT locators come with the unique Automatic Pinpointing feature which makes locating buried utilities easy and simple. You do not need to manually adjust the sensitivity of the locator because the locator does this for you automatically. Ensuring that you are using the optimum sensitivity for the environment you are locating in.

The EZiCAT i500/i550 has all the well-known features you need to locate buried utilities effectively.

- **Automatic pinpointing**
- **Depth estimation** (i550 only)
- **Modes:**
    Power (default)
    Radio
    Auto
    8kHz
    33kHz
- **Hazard zone**
- **Pinpoint assist**
- **Signal strength indicator**
- **Built-In self test**
- **Service due indicator**

Technical data	i500	i550
Frequency / Mode	Power 50 Hz or 60 Hz; Radio 15 kHz to 60 kHz; Transmitter 8 kHz and 33 kHz; Auto = Power + Radio modes	
Depth	Power to 3m; Radio to 2m; Transmitter dependant on transmitter or sonde type	
Depth estimation		10% of depth in line or sonde (0.3 to 3m depth range)
Protection	IP54	
Batteries	6 x AA alkaline (IEC LR6) supplied	
Battery life	40 h intermittent use (at 20°C)	
Weight & dimensions	2.7kg - 760mm (H) x 85mm (D) x 250mm (W)	

EZiCAT i650 Cable & pipe locator
Fully integrated data logging and depth indication

Intelligent data logging locators

The intelligent i650 locator has fully integrated data logging capability, logging information on how and when the locator has been used. This data can help you identify training needs of users and for traceability of locating following a near miss, cable strike or similar incident. You can quickly download the locating data via Bluetooth® to the LOGiCAT software on your PC, Android tablet or mobile phone, then analyse the data using the easy to understand reports.

All EZiCAT locators have the unique Automatic Pinpointing feature which makes locating buried cables and pipes easy and simple.

No need to manually adjust the sensitivity, the locator does this for you automatically. Ensuring that you're using the ideal sensitivity for the environment you're locating in.

- **Automatic pinpointing**
- **Fully integrated data logging**
- **Bluetooth® connectivity**
- **Depth estimation**
- **Modes:**
    - Power (default)
    - Radio
    - Auto
    - 8kHz
    - 33kHz
- **Hazard zone**
- **Pinpoint assist**
- **Signal strength indicator**
- **Built-In self test**
- **Service due indicator**

Technical data	i650
Frequency / Mode	Power 50 Hz or 60 Hz; Radio 15 kHz to 60 kHz; Transmitter 8 kHz and 33 kHz; Auto = Power + Radio modes
Depth	Power to 3m; Radio to 2m; Transmitter dependant on transmitter or sonde type
Depth estimation	10% of depth in line or sonde (0.3 to 3m depth range)
Protection	IP54
Batteries	6 x AA alkaline (IEC LR6) supplied
Battery life	40 h intermittent use (at 20°C)
Weight & dimensions	2.7kg - 760mm (H) x 85mm (D) x 250mm (W)
Bluetooth®	Enabled
Compatibility	CSV file compatibility program
Memory size	32Mb memory

EZiCAT i750 Cable & pipe locators
With GPS technology and data logging capability

Increased confidence in cable locating activities

The intelligent EZiCAT i750 cable locator has fully integrated GPS technology and data logging capability, providing you with information on where, when and how the locator has been used. This is very useful to help identify training needs of users and for traceability of locating following a near miss, utility strike or similar incident. This information can then be transferred via Bluetooth® to LOGiCAT software, making downloading and analysing the data quick and easy. This data is useful to help identify training needs of users and for traceability of locating following a near miss, utility strike or similar incident.

The EZiCAT i750 has all the well-known features you need to locate buried utilities effectively, along with the unique Automatic Pinpointing feature which makes locating buried cables and pipes easy and simple.

You don`t need to manually adjust the sensitivity of the locator because the intelligent locator does this for you. Ensuring theat you are using the optimum sensitivity for the environment you are locating in.

- **Automatic pinpointing**
- **Fully integrated GPS**
- **Fully integrated data logging**
- **Bluetooth© connectivity**
- **Depth estimation**
- **Modes:**
  - Power (default)
  - Radio
  - Auto
  - 8kHz
  - 33kHz
- **Hazard zone**
- **Pinpoint assist**
- **Signal strength indicator**
- **Built-In self test**
- **Service due indicator**

Technical data	i750
Frequency / Mode	Power 50 Hz or 60 Hz; Radio 15 kHz to 60 kHz; Transmitter 8 kHz and 33 kHz; Auto mode = Power + radio modes
Depth	Power to 3m; Radio to 2m; Transmitter dependant on the transmitter or sonde type
Depth estimation	10% of depth in line or sonde (0.3 to 3m depth range)
Protection	IP54
Batteries	6 x AA alkaline (IEC LR6) supplied
Battery life	40 h intermittent use (at 20°C)
Weight & dimensions	2.7kg - 760mm (H) x 85mm (D) x 250mm (W)
Bluetooth®	Enabled
Compatibility	CSV file compatibility program
Memory size	64Mb memory
GPS type	Chipset*: u-blox®GPS, Technical Data: Type: L1 frequency, C/A code
GPS accuracy**	Position 2.5m CEP, SBAS 2.0m CEP
GPS start time	Cold 34s typical; Warm 34s typical; Hot 1s typical

*All data/information according to manufacturer u-blox®GPS; Cable Detection does not assume any liability whatsoever for such information.
** Accuracy is dependant upon various factors including atmospheric conditions, multipath, obstructions, signal geometry and number of tracked satellites.

EZiTEX t100/t300 Signal transmitters

Improve utility detection in areas of high signal interference

The t-Series signal transmitters are compact, robust and easy to use. They are dual frequency transmitters that have been designed in conjunction with the EZiCAT cable locators to easily and accurately avoid, trace or locate buried cables and pipes.

We would always recommend using a EZiTEX signal transmitter whenever you are trying to locate buried utilities.

- Improved utility detection in areas
- of high signal interference.
-
- Improved detection of inactive utilities such as street lights.

- Enables depth estimation, when using a depth estimation cable locator.

- Enables you to locate non conductive utilities (e.g plastic, concrete etc) when used in conjunction with EZiSYSTEM accessories.

Using an EZiTEX signal transmitter will significantly improve the locate process and reduce utility damage.

EZiTEX t100

1 Watt signal transmitter.
A robust signal transmitter for use before excavation work.

EZiTEX t300

3 Watt signal transmitter.
Ideal to use if you are frequently locating in areas with high signal interference, or larger excavation areas.

- **Clear audio and visual controls**
- **Modes:**
  33kHz
  8kHz
  8kHz and 33kHz
  (connection mode)
- **Built-In self test**

Technical data	t100	t300
Frequency / Mode	8 kHz, 33 kHz and mixed 8/33 kHz	
Protection	IP67 (case Lid closed); IP65 (case lid open)	
Direct connection (300 Ohms)	Up to 1W max	Up to 3W max
	connected to a buried service with an impedance of 300 Ohms	
Induction (max)	Up to 1W max	
Power output	4 levels	
Batteries	4 x D alkaline (IEC LR20) supplied	
Battery life	30 h intermittent use (tat 20°C)	
Weight & dimensions	2.5 kg - 105mm (H) x 190mm (D) x 235mm (W)	

EZiCAT i550xf Cable & pipe locators
Robust and easy-to-use utility locator

Increase your locating and tracing range

EZiCAT i550xf is a robust and easy to use locator. The addition of low frequency tracing modes makes tracing buried utilities over long distances an easy and efficient task.

EZiCAT xf-Series locators start in the last mode used and have two lower frequencies (512Hz and 640Hz), making them ideal for tracing buried utilities over long distances.

As with all EZiCAT locators the EZiCAT i550xf has the unique Automatic Pinpointing feature which makes locating buried utilities easy and simple. You don't need to manually adjust the sensitivity of the locator because the locator does this for you automatically. Ensuring that you are using the optimum sensitivity for the environment you are locating in.

The EZiCAT i550xf has all the well-known features you need to locate buried utilities effectively.

- **Automatic pinpointing**
- **Depth estimation**
- **Modes:**
  - Power (default)
  - Radio
  - Auto
  - 8kHz
  - 33kHz
  - 512Hz
  - 640Hz
- **Hazard zone**
- **Pinpoint assist**
- **Signal strength indicator**
- **Built-In self test**
- **Service due indicator**

Technical data	i550xf
Frequency / Mode	Power 50 Hz or 60 Hz; Radio 15 kHz to 60 kHz; Transmitter 8 kHz, 33 kHz, 512 Hz & 640 Hz; Auto = Power + Radio modes
Depth	Power to 3m; Radio to 2m; Transmitter dependant on transmitter or sonde type
Depth estimation	10% of depth; Line mode – 0.3m – 3m; Sonde mode – 0.3m to 9.99m
Protection	IP54
Batteries	6 x AA alkaline (IEC LR6) supplied
Battery life	40 h intermittent use (at 20°C)
Weight & dimensions	2.7kg - 760mm (H) x 85mm (D) x 250mm (W)

EZiCAT i750xf GPS & data logging cable locator
With GPS technology and data logging capability

Increased confidence in cable locating activities

The highly intelligent i750xf locator has fully integrated GPS technology and data logging capability, logging information on how, when and importantly where the locator has been used. This data can help you identify training needs of users and for increased traceability of locating following a near miss, utility strike or similar incident. Giving you increased confidence in your organisations utility locating activities.

You can quickly download the locating data via Bluetooth® to the LOGiCAT software on your PC, Android tablet or mobile phone, then analyse the data using the easy to understand reports.

The i750xf locator, as with all xf-Series locators, has the added benefit of extended low tracing frequencies, making locating and tracing buried utilities over long distances an easy and efficient task.

All EZiCAT locators, have the unique Automatic Pinpointing feature which makes locating buried utilities easy and simple. No need to manually adjust the sensitivity, the locator does this for you automatically. Ensuring that you're using the ideal sensitivity for the environment you're locating in.

- **Automatic pinpointing**
- **Fully integrated GPS**
- **Fully integrated data logging**
- **Bluetooth® connectivity**
- **Depth estimation**
- **Modes:**
  - Power (default)
  - Radio
  - Auto
  - 8kHz
  - 33kHz
  - 512Hz
  - 640Hz
- **Hazard zone**
- **Pinpoint assist**
- **Signal strength indicator**
- **Built-In self test**
- **Service due indicator**

Technical data	i750xf
Frequency / Mode	Power 50 Hz or 60 Hz; Radio 15 kHz to 60 kHz; Transmitter 8 kHz and 33 kHz; Auto = Power + Radio modes
Depth	Power to 3m; Radio to 2m; Transmitter dependant on transmitter or sonde type
Depth estimation	10% of depth; Line mode – 0.3m – 3m; Sonde mode – 0.3m to 9.99m
Protection	IP54
Batteries	6 x AA alkaline (IEC LR6) supplied
Battery life	40 h intermittent use (at 20°C)
Weight & dimensions	2.7kg - 760mm (H) x 85mm (D) x 250mm (W)
Bluetooth®	Enabled
Compatibility	CSV file compatibility program
Memory size	64Mb memory
GPS type	Chipset*: u-blox®GPS, Technical Data: Type: L1 frequency, C/A code
GPS accuracy**	Position 2.5m CEP, SBAS 2.0m CEP
GPS start time	Cold 34s typical; Warm 34s typical; Hot 1s typical

*All data/information according to manufacturer u-blox®GPS; Cable Detection does not assume any liability whatsoever for such information.
** Accuracy is dependant upon various factors including atmospheric conditions, multipath, obstructions, signal geometry and number of tracked satellites.

EZiTEX t300xf Signal transmitters
Locate more buried utilities over longer

The t300xf signal transmitters is compact, robust and easy to use. It has four frequencies designed to trace buried utilities over long distances when used in conjunction with the EZiCAT xf-Series cable locators.

We would always recommend using a EZiTEX xf-Series signal transmitter whenever you are trying to locate buried utilities using an xf-Series EZiCAT locator.

- Improved utility detection in areas
- of high signal interference.

- Improved detection of inactive utilities such as street lights.

- Enables depth estimation, when using a depth estimation cable locator.

- Enables you to locate non conductive utilities (e.g plastic, concrete etc) when used in conjunction with EZiSYSTEM accessories.

Using an EZiTEX signal transmitter will significantly improve the locate process and reduce utility damage.

EZiTEX t300xf
3 Watt signal transmitter.
Ideal to trace buried utilities over long distances and if you are frequently locating in areas with high signal interference.

- **Clear audio and visual controls**
- **Modes:**
    33kHz
    8kHz
    8kHz and 33kHz
    (connection mode)
    512Hz
    640Hz
- **Built-In self test**

Technical data	t300xf
Frequency / Mode	8 kHz, 33 kHz and mixed 8/33 kHz
Protection	IP67 (case Lid closed); IP65 (case lid open)
Direct connection (300 Ohms)	Up to 3W max
	connected to a buried service with an impedance of 300 Ohms
Induction (max)	Up to 1W max
Power output	4 levels
Batteries	4 x D alkaline (IEC LR20) supplied
Battery life	20 h intermittent use (at 20°C)
Weight & dimensions	2.5 kg - 113mm (H) x 206mm (D) x 250mm (W)

LOGICAT Sotware
Upload stored records to view locators use

LOGiCAT Software is used to manage and analyse the data collected from cable locating activities. For use with the EZiCAT i600 or i700 Series cable locators, the data can be downloaded via Bluetooth® to the LOGiCAT software to enable quick and easy analysis and reporting of cable locating activities. The data can then be used to identify training needs of users and for traceability of cable locating activities following a near miss, utility strike or similar.

LOGiCAT Software enables you to easily extract and upload stored data from your EZiCAT data logging and GPS cable locator(s), then analyse and report on the following traceable data:

- **GPS positioning of use** (i750, 750xf): Provides GPS data on where the cable locator has been used.

- **Time and date of use:** Identifies when and at what time ground surveys were conducted.

- **Usage duration:** Helps identify if the cable locating equipment has been used for a sufficient amount of time.

- **User identification:** Makes users accountable for their actions and identifies those who need additional product training.

- **Detection mode used:** Enables managers to analyse the quality and thoroughness of modes used.

- **Service detection:** Discovers quickly if any buried cables or pipes were detected during surveys.

- **Product fleet management:** Displays and monitors the service and calibration dates of your locator fleet, ensuring they are kept in perfect working order and not being used when calibration is due.

- **Diagnostic check:** Displays locators which have failed the EST (Extended self test) and removes them from the active fleet for immediate repair. This reduces the possibility of defective equipment being used on site.

The benefits of data logging in 5 steps

1 Conduct ground survey gathering data

2 Send logged data to Bluetooth® enabled PC

3 View EZiCAT usage statistics and charts

4 Make informed decisions to efficiently manage EZiCAT fleet and operators

5 Implement changes to procedures for better results

See better results, more comprehensive ground surveys and a reduction in buried utility strikes.

SOFTWARE & ACCESSORIES

ACCESSORIES
Full range of compatible accessories

EZiROD

The EZiROD is a flexible rod which enables the detection of non–metallic drains, ducts or pipes when used in conjunction with the EZiTEX signal transmitter and EZiCAT cable locator.
It is available in lengths of 30m, 50m or 80m.
The EZiROD is inserted and pushed along the utility under investigation. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Tracing the path of small diameter pipes or drains
- Locating blockages or collapses in drains
- Locating or tracing non-metallic pipes that don't produce a signal.

Signal Clamp

The Signal Clamp is a lightweight, robust 100mm clamp used to apply a traceable signal to buried conductive utilities, when used in conjunction with an EZiTEX signal transmitter.
It operates in 33kHz.
The Signal Clamp is clamped around the utility under investigation. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Locating and tracing the path of a specific utility
- For highly congested areas of buried utilities
- To increase the thoroughness of your utility survey.

Multi Clamp (512Hz–33kHz)

The Multi Clamp is a robust 80mm clamp used to apply a traceable signal to buried conductive utilities, when used in conjunction with an EZiTEX signal transmitter.
It operates in with frequencies from 512Hz to 33kHz.
The Signal Clamp is clamped around the utility under investigation. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Locating and tracing the path of a specific utility
- For highly congested areas of buried utilities
- To increase the thoroughness of your utility survey.

Dual Frequency Sonde

This dual frequency compact Sonde can be used to trace drains, sewers and other nonconductive utilities. It acts like a signal transmitter and can be attached to a range of equipment including drain rods, boring tools and inspection cameras.
Once attached to a rod (or similar) the Sonde can be inserted and pushed along the utility under investigation. Using an EZiCAT cable locator trace the route of the utility or find the position of the blockage.
It operates in 8kHz or 33kHz as indicated by it's flashing LED.

Ideal for:

- Tracing the path of a pipe or drain
- Locating blockages or collapses in drains
- Locating or tracing non-metallic pipes that don't produce a signal.
- The depth range of the Sonde is up to 5m.

MAXiSONDE (8kHz-33kHz)

This dual frequency Sonde can be used to trace drains, sewers and other nonconductive utilities. It acts like a signal transmitter and can be attached to a range of equipment including drain rods, boring tools and inspection cameras. Once attached to a rod (or similar) the Sonde can be inserted and pushed along the utility under investigation. Using an EZiCAT cable locator trace the route of the utility or find the position of the blockage.
It operates in 8kHz or 33kHz as indicated by it's flashing LED.

Ideal for:

- Tracing the path of a pipe or drain
- Locating blockages or collapses in drains
- Locating or tracing non-metallic pipes that don't produce a signal.
- The depth range of the Sonde is 12m.

Property Connection Set

The Property Connection Set is used to apply a traceable signal to live electricity power cables when used in conjunction with the EZiTEX signal transmitter. This will enable you to trace the power cable around the outside of the property to the mains feed or outbuildings such as garages.
It operates in 33kHz.
The Property Connection Set is plugged in to a live power socket. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Quickly and easily identifying the electricity cable.

По вопросам продаж и поддержки обращайтесь:

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