



The New **EziSYSTEM**, reducing the risk of human error on your site!



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS, FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV - 33KV CABLE JOINTS & CABLE TERMINATIONS
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- Please contact me to arrange a demonstration
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The New **EziSYSTEM** Cable Avoidance Tool from

cable detection

delivering expert technology



Easy to use
automatic pinpointing

Visual and Audio Display
to suit site conditions

Dual Frequency (8/33 KHz)
for more flexibility on site

EziSYSTEM Designed to reduce on site strike incidents by reducing human error

Make your life **Ezi-er** with the New



Why do we use Cable Avoidance Tools (CATs)?

- Avoid damage to equipment
- Avoid serious employee injuries
- Avoid project downtime
- Locate underground services

The primary objective of a Cable Avoidance Tool is to warn the user that there is a buried service underground. Local legislation often prescribes the use of a locating device before any kind of excavation is undertaken. Even without any legal requirements in place, it makes good business sense to accurately scan before digging, as apart from the risk of injury to employees, you are facing equipment damage together with job downtime resulting in huge expense for your company.

Risks from Hitting Underground Cables

- Explosions
- Burns
- Electrocutation
- Damage to small cables with a big impact on surrounding services
- Project Downtime
- Site flooding
- Reinstatement Costs

CATs based on the old fashioned manually adjusted controls rely heavily on highly experienced and trained operators, operators who have time to carefully consider each and every use of the tool.

Experience has shown us that most cable strikes are caused by operator error, that is, operators who have not been able to locate an underground service even though they have swept the area using the old fashioned manually adjusted CAT!



EziCAT 100

| | |
|--------------|---|
| Frequency | Power Mode 50/60 kHz, Radio mode 15-30 Hz Generator Mode 8 and 33 KHz |
| Depth Range | Power to 3m, Radio to 2m, Generator to 3m |
| Protection | Conforms to IP54 |
| Batteries | 6 x AA alkaline (IEC LR6) (supplied) |
| Battery Life | 30 hours intermittent use |
| Weight | 2.83kg including batteries |

EziCAT 200

| | |
|------------------|---|
| Frequency | Power Mode 50/60 kHz, Radio mode 15-30 Hz Generator Mode 8 and 33 KHz |
| Depth Range | Power to 3m, Radio to 2m, Generator to 3m |
| Depth Estimation | Depth estimation with EziTrace (33KHz) mode or Sonde. To 3m within 10% accuracy (typical) |
| Protection | Conforms to IP54 |
| Batteries | 6 x AA alkaline (IEC LR6) (supplied) |
| Battery Life | 30 hours intermittent use |
| Weight | 2.83kg including batteries |

EziSYSTEM from Cable Detection

But I have scanned the area....how did I miss it?!

Buried cables and services are missed when an operator has been pinpointing a service with a shallow signal and manually adjusts his locator to minimise its reception so he can find the centre of the service. If he then moves on to scan a new location, he does not always remember to turn the sensitivity back up, therefore if there is a new service with a smaller signal the operator will fail to locate the new service – this low setting selected on the CAT will simply screen it out.

Selection of the incorrect Frequency Mode (power, active or radio) is yet another way manually adjusted tools can let you down and leave you exposed to the risks outlined above. When an operator has been tracing an active signal applied by a signal generator and then wants to check a new area, if he forgets to change the mode – there is no signal in generator mode and a buried service has been missed! This is exceptionally dangerous as the most hazardous services usually generate a signal in power mode.

Making your life Ezi-er

The EziSystem comprises of:

- The EziCAT 100



- The EziCAT 200 underground service locator



- The EziTrace 8/33Khz signal generator,



- The EziRod service Tracer and accessories.



The New EziSystem from Cable Detection Ltd can help you reduce the risks that the old manually adjusted controls leave you exposed to. From the moment you switch our EziCAT on you are in power mode, we want to ensure you are protected from the most dangerous services first, you can then select the mode you wish to use

We have removed the old error prone manual controls and instead, our EziCATs power up in full sensitivity mode, no need to fiddle with any controls to pinpoint your service, let the CAT do it for you. Advances in technology should help make your life ezi-er, let us show you how by using our EziCAT.

EziTrace Signal Generator

| | |
|----------------------|---|
| Frequency | 8 or 33 KHz Constant dual frequency available in connection mode |
| Tracing Range | Induction typically 150m, Connection typically 250m |
| Protection | Conforms to IP67 (with the lid shut) |
| Included Accessories | Crocodile equipped connection cable set with earth spike |
| Batteries | 4 x C alkaline (IEC LR14) (supplied) |
| Battery Life | 40 hours continuous use |
| Weight | 2.95kg including standard accessories and batteries |

EziROD 50

| | |
|---|--|
| (50 metre coil of copper conductor sheathed by fibre glass) | |
| Protection | Conforms to IP57 |
| Included Accessories | Connection to EziTrace 8/33 cable set |
| Weight | 3.25kg |
| Depth Range | Power to 3m, Radio to 2m, Generator to 3m |