cable detection
delivering expert technology

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

If you are interested in learning more about the new EziSystem range, please tick the relevant boxes below and fax this sheet to 01782 642584. Alternatively you can phone us on 01782 654450 with any questions you may have or for information on your nearest stockist

- ☐ Please contact me to arrange a demonstration
- ☐ Please provide me with a quotation
- ☐ Please send me some further information

Name

Position

Company

Address

Telephone

E-Mail

You may also wish to contact your dealer as below

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**
- **Electrocution**
- **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% accurancy (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