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## Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

## Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

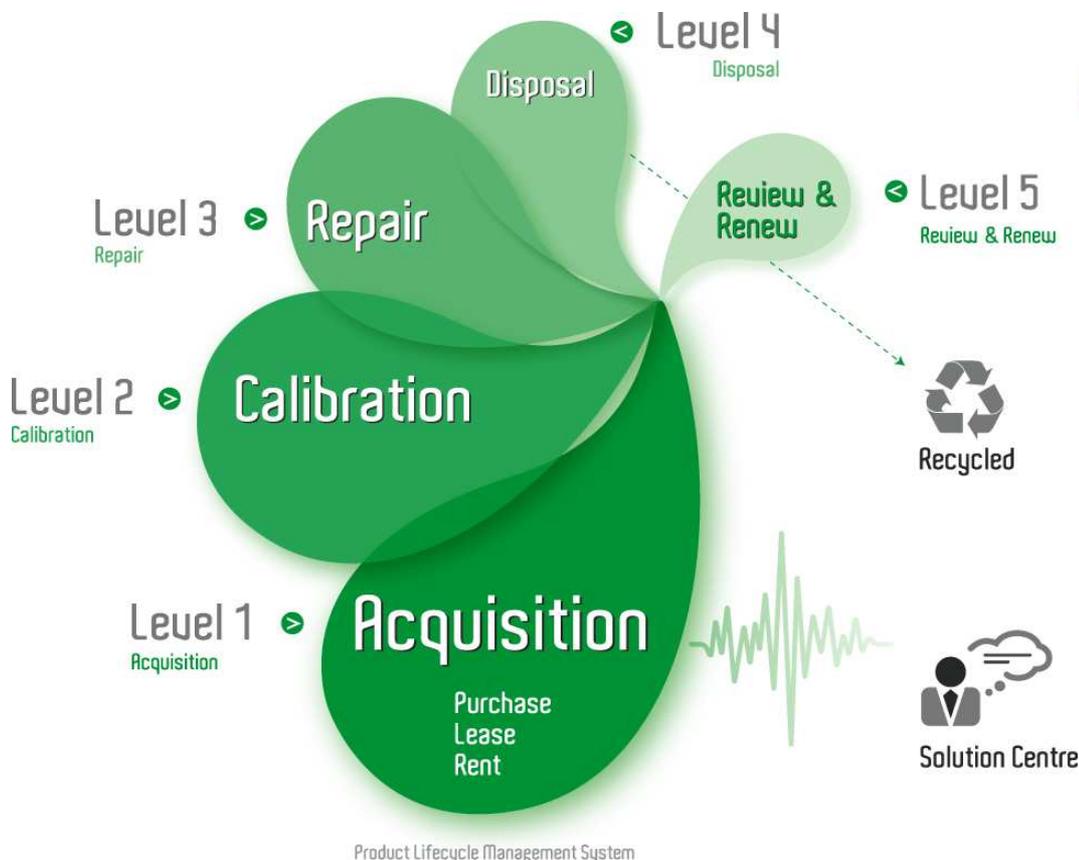
If you click on the “Click-to-Call” logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



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Product Lifecycle Management System

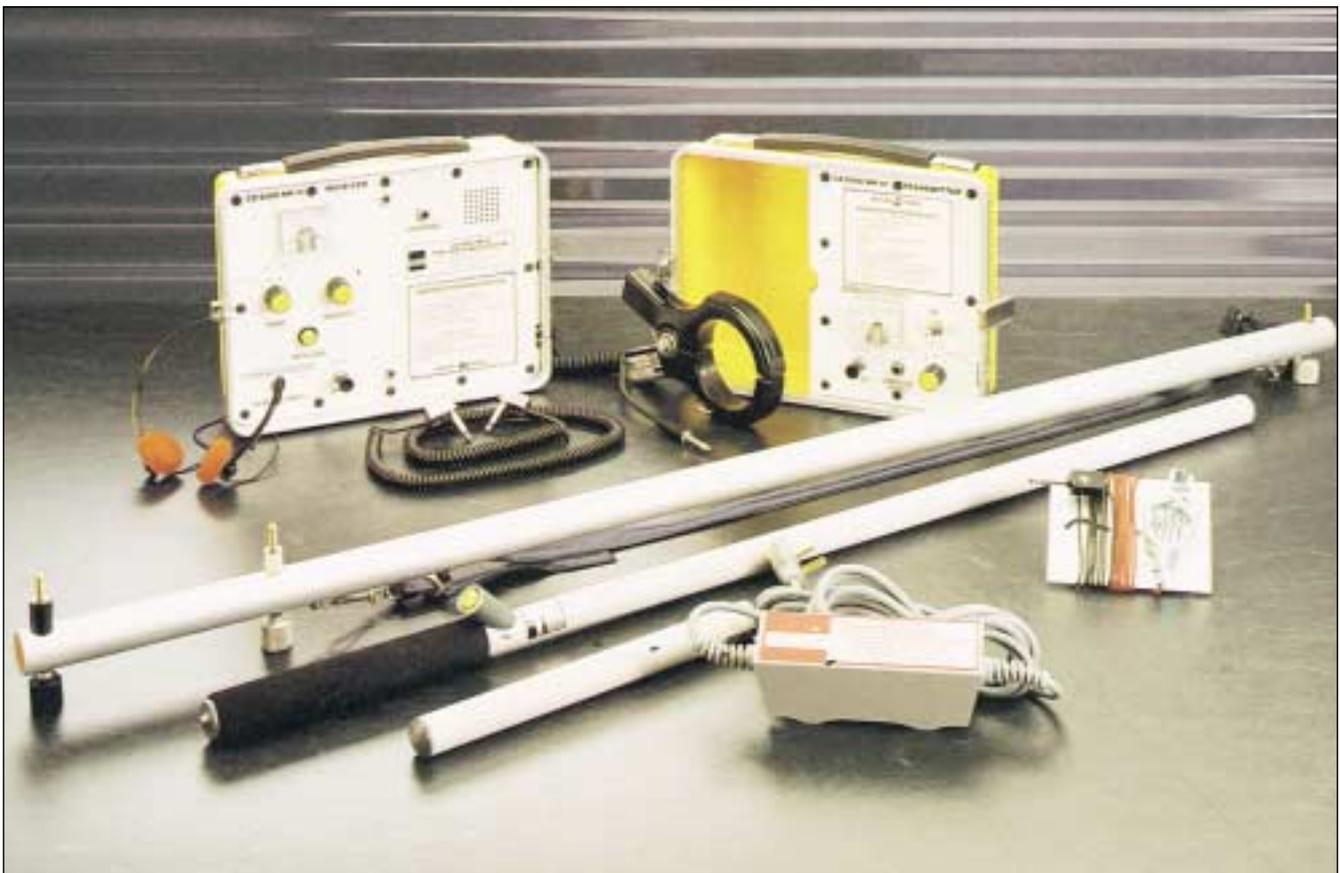
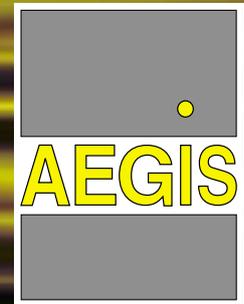
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# CZ6000 MKIII PIPE & CABLE LOCATOR



The CZ6000 MKIII Pipe & Cable Locator is a compact, portable instrument for the detection and location of buried pipes and cables. It consists of a directional radio transmitter and receiver that can be used either coupled together mechanically as a metal detector, or separately for precise location of a targeted line. It comes complete with conductive connecting wires and clips, and headphones, and is powered by readily available 1.5V AA batteries.

The CZ6000 MKIII operates by applying a signal to the target line. The transmitter can be coupled to the object either inductively or conductively.

In the inductive mode the electromagnetic field is induced in the surrounding air and soil, as well as in the metal object. In the conductive mode, the transmitter signal is connected directly to the metal object with no interference from surrounding soil. The hand-held receiver will detect only the generated signal for simple and accurate location of all metallic buried pipes and cables. When used with the Trace & Depth Probe accessory it is a very easy and accurate cable and pipe tracer.

# CZ6000 MKIII PIPE & CABLE LOCATOR

## SPECIFICATIONS

### Transmitter Output Power

Inductive Mode: 5 volts across antenna loop.  
 Conductive Mode: 190 volts p-p across open jack terminals.  
 60 volts across a 1Kohm load.  
 Output Frequency: 85kHz +/- 2kHz.  
 Batteries: 6 x AA battery pack.

### Receiver Sensitivity

"LO" Power Position: 30 millivolts.  
 "HI" Power Position: 1.5 microvolts at 85kHz, 30% modulation,  
 400c/s.  
 Battery: 6 x AA battery pack.  
 Headset Impedance: 8 Ohms

### General

Dimensions: Tx / Rx 30 x 23 x 8 cm each  
 Shipping Dimension: 35 x 18 x 27 cm  
 Shipping Weight: 5.5 Kgs (5.0 Kg Net)  
 Headset Impedance: 8 ohms.

## ACCESSORIES

The CZ6000 MKIII comes complete with headphones, ground plate and clip and operator manual. The following range of optional accessories are recommended for use with the CZ6000 MKIII Pipe & Cable Locator.

### CZ6350 Trace & Depth Probe

To assist in pinpointing location and obtaining a depth measurement for the pipe or cable.



### CZ6330 Mini Trace Probe

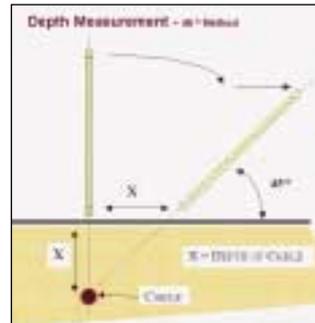
For tracing in confined spaces.

### CZ6320 One Piece Handle

Both receiver and transmitter are attached to the handle, to be used as a metal detecting device.

### CZ6500 Carry Bag

Sturdy yellow reinforced nylon.



### CZ6070 Coupling Clamp

To induce tone into a selected cable or pipe and reduce unwanted radiated signal.



### CZ6060 Mains Coupler

Allows access to a three pin single phase power outlet for power cable tracing.



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