



CL.5000

Product Overview

Cable and pipeline detector is the preferred equipment for detecting various kinds of Underground Cables for electrical, telecommunication and pipelines for oil / gas transportation, water supply and drainage etc.

Used by underground pipeline design organizations as professional pipeline detection, pipeline management and maintenance, municipal administration planning, construction and power utility companies.

It's also the optimum replacement for your traditional underground Cables & pipeline detectors due to the GPS technology and robust IP65 design.



Transmitter Features:

- Function: to apply the location signal of a certain frequency onto pipelines
- Output modes: induction, direct link, clamping
- Working frequencies: 128Hz, 512Hz, 1KHz, 2KHz, 8KHz, 33KHz, 65KHz, 83KHz
- Frequency configuration at various modes:
- Induction mode : 65KHz, 83KHz
- Direct link mode : 128Hz, 512Hz, 1KHz, 2KHz, 8KHz, 33KHz, 65KHz, 83KHz
- Clamping mode : 33KHz
- Maximum power output : 10W
- Maximum voltage output : 60V
- Maximum current output : 1A
- Power supply: dual power supply, Lithium battery pack
- 1W 12 hours working time
- 5W 8 hours working time
- 10W 5 hours working time
- Weight : 2.6Kg
- Ambient temperature : -20°C-50°C

Standard Accessories:

- 10W broadband large-power transmitter
- Full-frequency receiver
- Transmitter clamp for live cable applications
- Direct Connection Leads
- Earthing Spike
- Transmitter charger
- Receiver charger
- Transport case and user's manual

Receiver Features:

- Purpose: location of underground pipelines and cables (able to measure the position, running direction, depth, and current of underground pipelines)
- Location modes:
- Peak mode: two horizontal coils used
- Broad peak mode: one horizontal coil used
- Valley mode: one vertical coil, having the function of left and right orientation
- Receive frequencies: 50Hz, 100Hz, radio, 128Hz, 512Hz, 1KHz, 2KHz, 8KHz, 33KHz, 65KHz, and 83KHz
- Gain control: automatic gain, range of 0-100dB
- Location accuracy: 5% of depth (range of depth: 0-3m)
- 10% of depth (range of depth: >3m)
- Measurement accuracy of currents: ≤5% of actual current
- Range of measurement: 0-6m depth
- Power supply: Lithium battery pack
- Working time: an average of 8 hours
- Weight: 1.8kg
- Ambient temperature: -20°C-50°C

Optional Accessories:

- Includes all features of the T5000ST and in addition includes an A-Frame for sheath fault location & Built in GPS (T5000GPS)
- T512 Transmitter Sonde for tracing underground non conductive pipe networks complete with 100 Meter feeding reel. (7 Meter Depth range)

Sonde Transmitter

