

K930 Cable/Pipeline Locator

Product Overview

The **K930** is designed for accurate tracing of metallic underground utilities, including power cables, communication cables, and metallic pipelines. It is equipped with advanced features such as current direction support, cable identification, and frequency sweep, enabling users to reliably distinguish target cables and minimize mis-tracing in congested environments.

To ensure optimal performance in challenging conditions, the K930 incorporates digital filtering, narrow-band processing, and intelligent warning functions, significantly improving operation in electrically noisy environments. Its enhanced interference and distortion handling capabilities help maintain signal clarity and tracing accuracy.

The system also provides a visual confidence indication to assist field operators in decision-making. The display utilizes color differentiation along with a confidence indicator (logo/circle) to represent signal reliability. A blue indication signifies high confidence, allowing users to easily differentiate stable target signals from disturbed or unreliable ones.

Features

- Cable & Pipeline Locating and Cable
- Identification Cable
- Fault Location with A-frame (Optional) accessory Supports Active



Specifications

Description	Multi-purpose precision locator receiver	
Function	Pipe and Cable detection, Cable identification	
Battery	7.4V DC 6400mAh rechargeable lithium battery	
Receiving Configuration	Two sets of built-in antennas;Cable ID: Flexible Current Clamp,Stethoscope	
Locate Mode	Peak Response Mode, Broad Peak Mode, Null Mode	
Locate Screen	Classic Mode,Plan View Mode,Signal Curve Mode	
Detection Method	Direct connection method,Clamp Coupling method,Induction method	
Depth Accuracy	±5% (depth below 3m) ±15% (depth from 3m to 20m)	
Max Depth Measurement	20m	
Detection Distance	Direct connection method	Recognizes signals with loop resistance 0– 8 kΩ Typical trace distance:up to 0– 20 km (site dependent), mainly influenced by grounding/ earth resistance, cable resistance, cable burial depth
Detection Distance	Clamp coupling method	Recognizes signals with loop resistance 0– 1 kΩ Typical trace distance:up to 0– 10 km (site dependent), mainly influenced by grounding/ earth resistance, cable resistance, cable burial depth
	Induction Method	Recommended for buried depth <2m
Sound Indication	Variable pitch proportional to signal strength	
Interface Distance	The minimum separation between the receiver and transmitter often needs to be verified by field testing: Cable or Pipe location: Coupling: Typically no interference confirmed at distances > 5 m Induction: Typically no interference confirmed at distances > 20 m Cable identification: Coupling: Typically no interference confirmed at distances > 5m	
Cable Identification	Calibration Cable: 1 - 10 Calibration threshold: within 75%– 135% of the current calibrated value Directionality: transmitter clamp, receiver clamp, and the applied signal direction are aligned in the same direction	
LCD	4.3-inch color LCD touch screen	
Dimension	L: 311mm x W: 133mm x H: 750mm	
Weight	2.0 Kg	
Charger	DC8.4V, 1A	

Transmitter-Tx	
Function	Multiple transmit frequency signal modes for pipeline path detection, cable identification, and fault location
Power Supply	11.1V DC 12800mAh rechargeable lithium battery
Locating Method	Direct Connection Method, Clamp Coupling Method, Induction Method
Output Power	15W max,15 adjustable levels
Output Voltage for Direct Connection	150Vpp MAX
Max Current Output	500mA
Circuit Protection	Overload and short-circuit protection
LCD	5.6-inch color and touch screen LCD
Dimension	L: 259mm x W: 211mm x H: 105mm
Weight	3.00kg
Charger	DC 12.6V,1A
Transmitting Clamp	Dimension: L: 250mm × W: 140mm × H: 35mm
	Diameter: Φ 150mm
	Test Lead: 3m
Direct Connection Test Lead Length	3m
External Connector	USB (for firmware upgrade, can charge phone) Type-C charging port DC charging port Direction test lead and transmitting clamp connection port
Dielectric Strength	AC 3700V/rms(between the top and bottom surfaces of the instrument case)

Optional Features

Cable Fault Location	Precise location of cable faults can be realized with the A-frame
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