



CL1400 Pipeline and Cable Locator

- Detect the route of underground pipeline and cable
- Measure the burial depth of underground pipeline and cable
- Detect and locate the insulation fault point of the underground pipeline and cable
- Identify the goal pipeline and cable under multiple underground pipelines and cables situation

Items	Specifications
Transmitter	
Signal Frequency for Injection Method	480Hz, 7.7KHz, 31KHz, 61KHz
Signal Frequency for Induction Method	31KHz, 61KHz
Signal Frequency for Clamping Method	31KHz
Signal Frequency for Fault Finding	480Hz
Output Voltage	0-400Vp-p adjust according to the insulation condition
Output Wave Shape	sine wave
Power Supply	11.1VDC 4.4AH Li-battery
Maximum Output Power	10W
Receiver	
Power Loss	<1W
Power Supply	11.1VDC 1.8AH Li-battery
Max. Burial Depth for Detecting	4.5 meters (normal condition)
Tolerance of burial Depth for Detecting	$\pm 0.05H \pm 5\text{cm}$ ("H" is pipeline burial depth)
Tolerance of Route for Detecting	$\leq 5\text{cm}$
The Effective Length under Detecting Pipeline Route and Depth with Injection Method	$\geq 10\text{Km}$ (normal condition)
The Effective Length under Detecting Pipeline Route and Depth with Induction Method	$\geq 3\text{Km}$ (normal condition)
The Effective Length under Detecting Pipeline Route and Depth with Clamping Method	$\geq 6\text{Km}$ (normal condition)
Insulated Fault Detecting	$\geq 2 \text{ M}\Omega$



Items	Specifications
General specifications	
Operating Temperature	-20°C~+50°C
Storage Temperature	-40°C~+70°C
Relative Humidity	10%~90%
Atmospheric Pressure	86~106Kpa
Environmental Noise	≤60dB
Weight	3.4kg (Transmitter)
	2.6kg (Receiver)
Dimensions	348×239×175mm (Transmitter)
	648×260×130mm (Receiver)
Standard accessories	
Transmitter	1pc
Receiver	1pc
Carrying case	1pc
User manual	1pc
Charger	2pcs
Earthing stick	1pc
Signal output line	1pc
Inductive clamp	1pc
Stethoscope	1pc
Certificate	1pc
Ordering information	
Model	Description
CL1400 Pipeline and Cable Locator	With inductive clamp and stethoscope
CL1400A Pipeline and Cable Locator	With inductive clamp, stethoscope and Fault Finding Holder
CL1400B Pipeline and Cable Locator	With inductive clamp, stethoscope and GPS