

HF-CH-205

Cable Fault Pinpointer



This portable Cable Fault Pinpointer is specially used to accurately locate the exact underground cable fault point on the ground. Matched with cable fault locator, it completes whole fault detection work efficiently and stably for outdoor power engineering maintenance.

Key features

- Integrates multiple pinpointing methods: acoustic-magnetic synchronization method, step voltage method (optional function) and magnetic field intensity method.
- Mutual verification among various pinpointing modes guarantees accurate and reliable fault positioning results.
- Adopts intelligent positioning algorithm that directly calculates acoustic-magnetic delay values, lowering operation requirements for technicians.
- Equipped with automatic mute function to prevent noise generated during sensor movement from damaging users' hearing.
- Displays left/right direction indication of the tested cable, enabling cable path tracing while pinpointing faults.

Technical specifications

Parameter	Value
Acoustic-Magnetic Synchronous Pinpointing Function Audio Channel	Full Bandwidth 100Hz ~ 1500Hz
Low-pass Bandwidth	100Hz ~ 400Hz
High-pass Bandwidth	200Hz ~ 1500Hz
Band-pass Bandwidth	150Hz ~ 600Hz
Max. Signal Gain	≥ 80dB
Pinpointing Accuracy	0.1 m
Magnetic Channel	Max. Signal Gain > 80dB
Step Voltage Pinpointing Function (Optional)	Maximum Amplification Factor > 80dB
Power Supply	Built-in Lithium Battery Pack Rated Voltage:7.4V, Capacity:3400mAh
Continuous Working Time	More than 9 hours
Charger Input	AC220V±10%, 50Hz
Charger Rated Output	8.4V DC, 2A
Charging Time	Less than 4 hours
Display	Screen Type Transflective 320×240 color LCD
Environmental Protection	Waterproof Grade IP65
Dimension & Weight	Main Unit Size 210mm × 95mm × 115mm
Main Unit Weight	0.6 kg
Sensor Weight	1.4 kg

Standard scope of supply

No.	Item	Qty	Notes
1	Main Control Host of Cable Fault Pinpointer	1 Set	With shoulder strap

No.	Item	Qty	Notes
2	Acoustic-Magnetic Integrated Ground Sensor Probe	1 Piece	Long measuring rod assembly
3	Step Voltage Test Electrode Kit	1 Set	Optional accessory
4	Dedicated Lithium Battery Charger	1 Piece	AC power adapter
5	English Operation Manual	1 Copy	Detailed operation & maintenance guide
6	Factory Calibration Certificate	1 Copy	For overseas project acceptance
7	Product Quality Certificate & Warranty Card	1 Set	After-sales guarantee document
8	Shockproof Portable Carrying Case	1 Piece	For transportation and storage

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.