

HF-CH-223

Smart Utility Locator



The Smart Utility Locator precisely tracks underground cables and metal pipelines. It detects buried utility position, depth and signal, effectively preventing accidental damage to underground facilities during excavation and construction.

Key features

- Stable performance and convenient detection
- Multi-functional, precise measurement and simple operation
- Stable performance, fully digital control, long battery life, portable design for field work
- Accurately determine the position of buried pipelines
- Precisely locate pipeline damage points

Technical specifications

Parameter	Value
Operating Frequencies	Audio, Medium Frequency, Radio Frequency, 50Hz passive AC frequency
Antenna Modes	Null Method (Vertical Coil), Peak Method (Horizontal Coil), A-frame
Current Indication	0 ~ 9999 mA
Operating Temperature	-20°C ~ 40°C
Battery Type	Ni-MH rechargeable battery
Battery Duration	4 ~ 6 hours
Dimensions	60cm × 10cm
Weight	Approx. 1.5 kg
Signal Display	Bar graph & digital reading, range 0 ~ 999
Gain Control	20dB ~ 60dB
Depth Measurement Range	Within 3 m
Depth Accuracy	Within 10 cm
Operating Frequencies	Audio, Medium Frequency, Radio Frequency
Working Modes	Induction, Direct Connection, Coupling
Matched Load	5 ohm ~ 30000 ohm
Power Output	Low gear / High gear
Battery Type	Ni-MH rechargeable battery
Battery Duration	4 ~ 6 hours
Operating Temperature	-20°C ~ 40°C
Dimensions	25cm × 20cm
Weight	Approx. 2.5 kg

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.