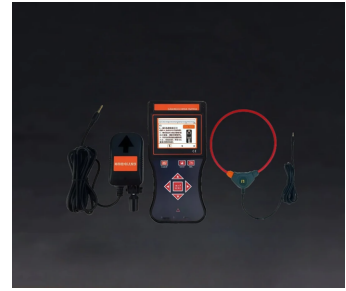


HF-CH-225**Live Cable Identification Tester**

This Live Cable Identification Tester accurately locate target energized cables among numerous parallel cables without shutdown. It effectively prevents erroneous cable cutting and ensures safety during cable maintenance and reconstruction projects.

Technical specifications

Parameter	Value
Functions	Live single-core cable identification, AC current, phase, current trend test, cable loss current measurement
Power Supply	7.4V 3Ah rechargeable lithium battery; approx.10 continuous working hours after full charge
Applicable Cable Voltage Class	Mainly for 35kV, 110kV, 220kV, 500kV energized single-core cables; compatible with other single-core cables
Current Frequency	50Hz, 60Hz
Locking Current	Max. approx.230mA
Display Mode	3.5-inch true-color LCD, color icon indication
Current Clamp Direction	During identification, arrowheads of two flexible clamps point toward far end of cable
Receiver Dimension	207mm×101mm×45mm (L×W×H)
Flexible Current Clamp	Cable length: approx.1m; wire diameter: approx.7.5 mm
Maximum Identification Distance	Over 500km
Inner Diameter of Flexible Clamp	φ300mm
Clamp Lead Length	2m
Measurement Range	Current: 0.00 ~ 2000A AC (50Hz/60Hz) Phase: 1°~360° Frequency: 40Hz~70Hz
Accuracy	Current: ±2%±3dgt Phase: ±5° Frequency: ±2Hz
Test Rate	Approx.15 seconds per test
Cable Judgment Criterion	Target cable is confirmed when phase difference measured by two terminals <40°, current difference <10%, consistent trend and trend ratio difference <5dgt
Backlight Control	Adjust LCD brightness via up/down keys under function menu
Auto Power-off	Automatically shut down after about 1 hour of inactivity to save battery power
Low Battery Reminder	Low battery icon pops up to prompt charging
Charger	9V DC charger
Charging Port	USB charging interface
Operating Temperature	-10°C ~ 40°C; below 80%RH
Storage Temperature & Humidity	-10°C~50°C; ≤95%RH, non-condensing
Weight	Current clamp: approx.2×170g Receiver: approx.2×474g (with battery)
Withstand Voltage	AC2000Vrms (between front and rear enclosure)
Safety Standards	IEC61010-1 CAT III 600V, IEC61010-031, IEC61326, Pollution Degree 2

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
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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.