

HF-MT-505

Contactless Electrical Tester



Contactless Electrical Tester is a non-contact onsite detecting instrument. It quickly identifies live conductors, traces cables and locates hidden electrical faults, delivering reliable voltage indication for safe low-and-medium-voltage electrical maintenance work.

Key features

- Flexible endoscopic probe: Integrates infrared meter reading, photographing and fill-light. Compact size enables wiring inspection and data reading in hard-to-access areas.
- Supports infrared data collection for meters inside unopened meter boxes.
- Wireless signal transmission for wireless high-voltage current clamps to ensure complete operation safety.
- Acquires primary current via HV clamp; calculates CT ratio from primary & secondary current.
- Main unit and wireless HV clamps adopt high-performance lithium-ion batteries, standby time >=8 hours after full charge.

Technical specifications

Parameter	Value
Primary Current	0-600 A (wireless high-voltage clamp input)
Max measurable conductor diameter (HV clamp)	Phi48 mm
Barrier-free wireless transmission distance	100 m
Power Consumption	<15 W
Power Supply	AC220V
Operating Conditions	Temperature: -25°C ~ +45°C; Relative Humidity: 40%-95%
Dimensions	Main Unit: 1142×350×350 mmWireless HV Clamp: 265×70×33 mm

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.