

HF-MT-503

Meter Wiring Tester



Meter Wiring Tester is a portable on-site test instrument for energy metering systems. It quickly identifies mis-wiring, loose connections and circuit faults, delivers intuitive test readings, and ensures safe and correct wiring of electric energy meters in field applications.

Key features

- Adopts power, current and phase discrimination technology for live-line on-site testing without power cut-off .
- Verifies the correspondence among single-phase energy meters, end-user loads and switches.
- Standard configuration includes three 5 A current clamps; clamp meter measuring ranges can be extended as required.
- Large-screen LCD with Chinese display for simple configuration and operation.
- Supports multiple configurable slave units for parallel testing to boost working efficiency.

Technical specifications

Parameter	Value
Communication Mode	FSK 127 kHz power-line carrier; baud rate: 100 BPS; communication distance: 2.5 km
Current Test Distance	≥5 km
Operating Voltage	AC220V±10%
Voltage & Current Measurement Error	±1% F.S.
Master Unit Power Consumption	≤30 VA
Current-clamp Jaw Diameter	7 mm(5A), 50 mm(100A/500A)
Operating Ambient Temperature	-30 °C ~ 70 °C
Operating Ambient Humidity	≤93% RH

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.