

HF-ET-808

Line Parameter Tester



This Line Parameter Tester is a portable field-test instrument. It precisely measures impedance, capacitance and other key parameters of overhead transmission lines, delivering stable anti-interference performance for on-site power-grid inspection work.

Key features

- Measures positive-sequence and zero-sequence parameters of transmission lines, including RMS voltage, RMS current, active power, reactive power and other parameters.
- Supports external voltage transformers and current transformers for measuring-range expansion.
- Wide-range voltage circuit: maximum measurable voltage up to 700 V. Accuracy is guaranteed without manual range switching. Wrong voltage-range setting will not damage the instrument.
- Users can export test data via RS232 interface to an external micro-printer for report output (printer is optional accessory).
- RS232 serial communication port reserved for high-voltage measuring vehicle users. It supports uploading calibration test data to PC for centralized data management.

Technical specifications

Parameter	Value
Voltage Measuring Range	0-750 V wide range, single-range full-accuracy measurement
Current Measuring Range	0-100 A, automatic internal range switching
Voltage, Current, Frequency Accuracy	±0.2%
Power Accuracy	±0.5% (CosPhi>0.1), ±1.0% (0.02)
Impedance, Capacitive Reactance, Inductive Reactance Accuracy	0.5%
Resistance, Capacitance, Inductance, Conductance, Susceptance Accuracy	0.5%
Operating Temperature	-10°C ~ +40°C
Power Supply	AC 160V-400V
Insulation Performance	Insulation resistance between voltage/current input terminals and enclosure $\geq 100 \Omega$. Power-supply input terminal withstands 2 kV power-frequency RMS voltage for 1 min against enclosure
Dimensions	35cm×26cm×13cm
Weight	4 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.