

HF-TC-608

Handheld Ground Continuity Tester



This handheld ground continuity tester adopts 4-wire measurement with multi-range test current. Lightweight and battery-powered, it features a high-brightness touchscreen, data storage and full protection, ideal for field earthing resistance testing of substations and lightning protection systems.

Key features

- Controlled by a 32-bit ARM microcontroller, high automation level and simple operation.
- Adopts innovative power supply technology with multiple current gears and wide measuring range; test current can be automatically selected according to loads.
- 800*480 dot matrix 24-bit true-color LCD touch screen, clear display under strong light, dual operation via touch screen and physical keys.
- Full-process voice broadcast with selectable male/female voice prompts.
- USB interface supporting data storage via USB flash drive.

Technical specifications

Parameter	Value
Output Current	5mA, 100mA, 300mA, 1A, 5A, 10A, Auto Mode
Resolution	0.1uohm
Measuring Range (5mA gear)	10ohm ~ 50kohm
Measuring Range (100mA gear)	500mohm ~ 30ohm
Measuring Range (300mA gear)	100mohm ~ 10ohm
Measuring Range (1A gear)	10mohm ~ 3ohm
Measuring Range (5A gear)	2mohm ~ 1ohm
Measuring Range (10A gear)	0.5mohm ~ 0.4ohm
Measuring Range (Auto Mode)	0.5mohm ~ 50kohm
Accuracy	< ±0.2% reading ±2 digits
Operating Temperature	-10°C ~ 40°C
Operating Humidity	Less than 80% RH, non-condensing

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.