

HF-GT-214

Grounding Wire Resistance Tester



This portable Grounding Wire Resistance Tester adopts multi-current output design to precisely test loop resistance of grounding down leads. With high measuring accuracy and strong anti-interference ability, it helps staff check corrosion, fractures and bad contacts for substation grounding safety maintenance.

Key features

- Controlled by a high-speed single-chip microcomputer, the device features high automation and extremely simple operation.
- Built-in clock and perpetual calendar; capable of storing up to 20 groups of test data for convenient inquiry anytime.
- Equipped with a 128×64 dot-matrix LCD screen with full Chinese menu display for easy operation.
- Integrated thermal printer supports real-time printing of test results.
- Intelligent power management keeps the instrument running at minimum power consumption, lowering internal heat generation and saving energy.

Technical specifications

Parameter	Value
Output Current	30A, 40A, 50A (selectable)
Output Voltage	≥ DC 10V
Minimum Resolution	0.1uohm
Measuring Range	30A gear: 150uohm ~ 300mohm 40A gear: 100uohm ~ 250mohm 50A gear: 50uohm ~ 200mohm
Accuracy	5‰ ± 3 digits
Operating Temperature	-20°C ~ 40°C
Ambient Humidity	< 80% RH, no condensation
Power Supply	AC 220V±10%, 50Hz

Standard scope of supply

No.	Item	Qty	Notes
1	Tester Main Unit	1 Set	HF-GT-214 host machine
2	High Current Test Cables (Red & Black)	4 Pcs	Large-current insulated connecting leads
3	AC Power Cord	1 Piece	For 220V power supply
4	Thermal Printing Paper Rolls	2 Rolls	Spare paper for built-in printer
5	User Operation Manual	1 Book	Chinese & English version
6	Factory Calibration Certificate	1 Copy	Official metering test report
7	Shockproof Aluminum Alloy Carrying Case	1 Piece	Integral packaging for transport & storage
8	Packing List Document	1 Copy	This checklist

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.