

HF-GT-212

Ground Grid Tester



This portable ground grid tester is designed for substation and power plant grounding system inspection. It precisely measures grounding resistance, soil resistivity, step & touch voltage with strong anti-interference capability, supporting data storage and report printing for lightning protection safety assessment.

Technical specifications

Parameter	Value
Measurable Parameters	Ground grid resistance, soil resistivity, touch voltage, step voltage, ground potential rise, grounding impedance
Test Current	Adjustable low-frequency high current, strong anti-interference for substation electromagnetic environment
Resistance Measurement Range	0.01ohm ~ 200ohm
Measurement Accuracy	±(0.5% reading + 0.002ohm)
Soil Resistivity Range	0.01ohm-m ~ 10000ohm-m
Step & Touch Voltage Range	0 ~ 100V
Working Frequency	Multiple optional frequencies to evade 50Hz power frequency interference
Operating Temperature	-10°C ~ +50°C
Ambient Humidity	≤90% RH, no condensation
Power Supply	Built-in rechargeable lithium battery + AC 220V external power supply
Display & Function	Large touch LCD screen, data storage, curve plotting, built-in thermal printer for test reports
Housing	Portable waterproof & shockproof plastic case, ideal for outdoor field tests

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.