HF-GT-217

Insulation Resistance Tester



Insulation Resistance Tester is designed to detect insulation performance of electrical equipment. It provides multiple selectable test voltages, delivers stable and accurate readings with strong anti-interference capability, widely used for electrical safety maintenance and routine insulation checking.

Key features

- Household Appliances: TVs, refrigerators, air conditioners, washing machines, dehumidifiers, electric blankets, chargers, etc.
- Insulation Materials: Heat-shrinkable sleeves, capacitor films, high-voltage bushings, insulating paper, insulating shoes, insulating rubber gloves, PCB boards, etc.
- Instruments & Meters: Oscilloscopes, signal generators, DC power supplies, switching power supplies and other complete devices
- Lighting Fixtures: Ballasts, street lamps, stage lights, hand-held lamps and all kinds of lamps
- Electric Power Tools: Electric drills, plasma cutters, grinders, polishers, electric welding machines, etc.

Technical specifications

Parameter	Value
Measuring Resistance Range	10kohm ~ 10Tohm | 10kohm ~ 5Tohm
Measurement Accuracy	I>10nA: ±2%□1nA<I<10nA: ±5%□I<1nA: ±10%
Output Voltage	0.5V~1000V | 0.5V~500V
Voltage Accuracy	±1% ±0.5V
Display	4.3-inch Color LCD Screen
Range Mode	Manual / Auto
Measuring Speed	Fast: 30 times/sec, Slow: 8 times/sec
Sorting Function	3 qualified grades, 2 unqualified grades; support single-point & interval sorting
Waveform Scan	R-V, R-I curve scanning test function
Standard Interfaces	RS-232, Handler(PLC), USB HOST, USB DEVICE
Operating Environment	10°C ~ 40°C, ≤80%RH
Power Supply	AC220V±10%, 50Hz/60Hz±5%
Weight	4kg
Overall Dimension(D×W×H)	380 255 105mm
Standard Accessories	Power cord, test leads, RS232 cable, USB communication wire, Handler junction box, upper computer software
Optional Accessories	RK501 foot switch

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.

Specifications are taken from the published product data and are subject to change without notice. Confirm critical parameters at the time of order.