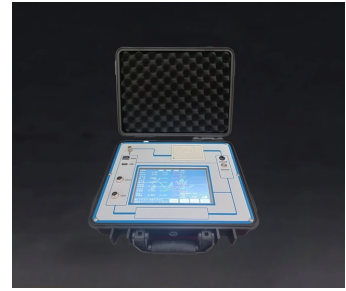


HF-SA-202

Surge Arrester Leakage Current Tester



This portable surge arrester leakage current tester precisely monitors resistive leakage current of lightning arresters under operating voltage. It quickly diagnoses insulation degradation, internal dampness and faults without power outage, widely used in substations and power distribution systems for routine preventive maintenance.

Key features

- Color Touch Screen: 800×480 high-definition colorful touch panel for intuitive human-computer interaction.
- Multiple Synchronization Modes: Supports wired synchronization (with voltage input); voltage reference can also be calculated via angle/current analytical methods without voltage input.
- Live & Power-off Test Compatibility: Works for both energized arrester inspection and laboratory offline tests.
- Large-Scale Sampling: Voltage measuring range: 0-500V; current measuring range: 0-30mA.
- Three-Phase Simultaneous Test: Tests phases A/B/C separately; one group of test data can be stored for three-phase ZnO arresters.

Technical specifications

Parameter	Value
Power Supply	Power Supply Mode Built-in lithium battery pack or external 8.4V DC adapter
Measuring Ranges	Leakage Current 0~20mA (extendable); Optional current clamp sensor: 0~20mA
Voltage	30~250V (extendable); Optional electric field input range: 30kV/m ~ 300kV/m
Phase Angle	0° ~ 360°
Resistive Current	0~20mA (extendable)
Capacitive Current	0~20mA (extendable)
Measurement Accuracy	Current When total current >100uA: ±5% reading ±1 digit
Voltage	When reference voltage >30V: ±5% reading ±1 digit
Measurable Parameters	Leakage Current Total current waveform, fundamental RMS value, peak value
Resistive Component of Leakage Current	Waveform, RMS values of 1st/3rd/5th/7th/9th harmonics, positive peak Ir+, negative peak Ir-
Capacitive Current	Harmonics
Voltage	Voltage waveform, voltage RMS value
Electrical Parameters	Phase difference, power consumption
Lithium Battery Parameters	Charging Duration >2.5 hours
Continuous Working Time	>7 hours
Intermittent Standby Time	>7×24 hours
Host Dimensions & Weight	Host Dimensions 42cm×34cm×18cm
Net Weight of Main Unit	7.0 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.