



Quality is the lifeblood of industrial products; every screw is the object we concerned.

TE1013 Anti-Interference MOAAC Characteristics Tester

Brief Introduction:

TE1013 Anti-Interference MOA AC Characteristics Tester used for zinc oxide arrester (MOA) leakage current measurement analysis both under the two cases of electric power operation and maintenance, the main purpose is to measure the resistive current of MOA, and judge the MOA damp and aging degree, suitable for 500KV and below level power test.

Appearance and configuration:



Main features:

- ◆ Good stability & reproducibility, in the 500KV power station field test, the values of resistive current beat only 1μA. As the extensive adoption of a variety of high precision, low temperature coefficient components, making the test data with excellent repeatability, which provides a good basis for vertical comparison of the historical data.
- ◆ This instrument adopts a special anti-interference method, can effectively eliminate the interference of B relative A, C phase, successfully resolved the issues of A-phase resistive current is too large, and C phase is too small.
- ◆ Adopt sophisticated mathematical models including Fourier algorithm, can eliminate the effects of harmonic waves on the test results.
- ◆ Test items is complete, total leakage current, resistive current, capacitive current, phase angle, peak values of resistive current, peak values of total current, the third harmonic current, the fifth harmonic current, fundamental waves active power loss, harmonic waves active power loss all can be tested simultaneously .It is simple to operate and easy to carry.



● Technical Parameters:

- ◆ Power Supply: Voltage: AC220V±10% Frequency: 50Hz±1Hz
- ◆ Service condition: Ambient temperature: -10℃~-40℃ Relative humidity: ≤80%
- ◆ Measurement Accuracy: The Voltage Accuracy Rating of the instrument is $\pm(2\% \times \text{reading} + 2 \text{ digits})$
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- ◆ Instrument Power: The rated power loss of the instrument < 30W
Security: Insulation resistance: >2MΩ; Leakage current: <3.5mA
- ◆ Dielectric Strength: Power connection line on the chassis can withstand 1500V (50Hz RMS) 1 minute.
- ◆ Maximum resolution: The Maximum resolution of the instrument is 0.01MΩ.
- ◆ Reference Voltage input range: AC20V~120V
- ◆ Test items & Range: Total leakage current: 0~10mA
Resistive current: 0~10mA
Capacitive current: 0~10mA
Phase angle: 0°~360°
Peak value of Resistive current: 0~15mA
Peak value of total current: 0~15mA
Third harmonic current: 0~10mA
Fifth harmonic current: 0~10mA
Fundamental wave active power loss: 0~9999W
Harmonic waves active power loss: 0~9999W
- ◆ Dimensions: Length 350mm * Width 280mm * Height 160mm
- ◆ Weight: 4Kg (Exclude accessories)

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