

CHARACTERISTICS

1. It can measure the short-circuit of transformer winding impedance, zero-sequence impedance, load loss, no-load loss, no-load current, capacity, etc.
2. Measurable voltage effective value, current, power, power factor, frequency, harmonic and other electrical parameters.
3. Compatible with the loss level data of various dry or oil-immersed distribution transformers for capacity judgment, and the database can be updated at any time.
4. All the data are measured synchronously in the same period to ensure the accuracy and rationality of the measurement results.
5. When short load test, it can be directly measured within the allowable measurement range of the instrument, and the external primary voltage transformer and current transformer can be added beyond the measurement range.
6. Automatic waveform distortion correction, automatic conversion of test results, without any manual calculation.
7. Built-in power storage memory, can store 9999 measurement data, can save long-term measurement data and can be consulted at any time.
8. A built-in micro-printer can print all the test results or store records.
9. Large-screen LCD display, all Chinese character menu and operation prompts, intuitive and convenient.
10. Do not drop the power calendar, the clock function.
11. Serial port communication function, which can upload the test data to the computer through the upper computer software.
12. Mobile U disk function, which can transfer all the test data stored in the instrument to the mobile U disk.

Technical specifications

1. Voltage measuring range: AC 10~850V
2. Current measurement range: AC 0.01~100A
3. Frequency measurement range: 40~70Hz
4. Measuring range of power factors: -1.0~0~1.0
6. Measurement accuracy:
 - Voltage, current and frequency: $\pm 0.1\% \pm 3$ words
 - Power: $\pm 0.2\% \pm 5$ words
 - Power factor: $0.05 < |\cos \varphi| < 0.1 \pm 0.5\% \pm 3$ words
 - $|\cos \varphi| > 0.1 \pm 0.2\% \pm 3$ words
 - capacity: 10%
7. Ambient temperature: -10°C ~40°C
8. Relative humidity: when the temperature is 25%, no more than 90% (no condensation)
9. Charging power supply: DC25.2V / 2A
10. Overall dimensions: aluminum box 372255140mm
11. Instrument weight: 5kg aluminum box (excluding test line)