

CHARACTERISTICS

Transformer DC resistance is a test project of semi-finished products and finished products in transformer manufacturing, and it is also a required test project of transformer installation, overhaul, change separation, handover test and preventive test. The instrument can check the following conditions: the welding quality of the winding joint, whether the winding has an inter-turn short circuit, whether the contact of the voltage tap switch is good, whether the actual position of the tap switch is consistent with the indicated position, whether the lead line is broken, whether multiple strands and the wire is broken, etc.

The instrument adopts the new power supply technology, which has the characteristics of small volume, light weight, large output current, good repeatability, strong anti-interference ability and perfect protection function. The whole machine is controlled by high-speed Scontroller with high degree of automation and automatic discharge and discharge alarm function. This instrument has high test accuracy and simple operation, and can realize the rapid measurement of transformer DC resistance.

- 1) The whole machine is controlled by high-speed Scontroller with high degree of automation and simple operation.
- 2) Adopt new power technology, gear, wide range, can be automatically selected according to the load.
- 3) Suitable for the measurement of DC resistance of various transformers or transformers of 110KV and below
- 4) 480 * 270 True color LCD touch screen, clear display under strong light, touch screen / button dual use.
- 5) RS232 (reserved) and U disk interface, available for data communication and U disk storage.
- 6) Perfect protection function, can reliably protect the impact of the reverse potential on the instrument, more reliable performance.
- 7) With discharge sound alarm and screen prompt, clear, reduce misoperation
- 8) Fast response speed, stable measurement data, and automatic refresh of the data during the test process.
- 9) Micro thermal printer, print the test results at any time.
- 10) Built-in lithium battery pack power supply, easy to use.
- 11) Intelligent power management technology, effectively reduce the instrument internal heating, save energy.
- 12) No power clock and no power memory, can permanently save data.

Technical specifications

Current gear and measuring range	voluntarily	0~50K Ω
	10A	0~1.6 Ω
	5A	0.03 Ω ~3.2 Ω
	1A	0.06 Ω ~20 Ω
	200mA	0.1 Ω ~100 Ω
	40mA	0.3 Ω ~500 Ω
	<5mA	100 Ω ~50k Ω
resolution ratio	0.1 μ Ω	
accuracy	\pm (0.2% \pm 2 words)	
data storage	1600 Articles	
ambient temperature	-10 $^{\circ}$ C~40 $^{\circ}$ C	
relative humidity	80% RH, with no condensation	
working power supply	Built-in lithium battery pack	