



Transformer Short Circuit Test

Weshine® Transformer Short Circuit Test, Transformer LV Short-circuit Impedance Tester is not provided with an external voltage regulator and adopts the primary connection mode. It begins the three-phase testing and calculates impedance error percentage automatically when the parameter is entered and provides intuitive results. This is a rapid tester

which detects winding deformation of transformers on site.



Transformer LV Short-circuit Impedance Tester for Weshine® **Transformer Short Circuit Test**

The automatic transformer low-voltage short-circuit impedance tester has two test power models:

1. Internal power supply: The three-phase transformer test can be completed with one wiring without an external voltage regulator. The test is simple and suitable for on-site testing.
2. External power supply: apply test power through a voltage regulator, suitable for indoor testing.

Display three-phase voltage, three-phase current, three-phase power, three-phase short-circuit impedance (Z_k), three-phase short-circuit reactance (X_k), three-phase short-circuit inductance (L_k), three-phase short-circuit impedance voltage (Z_{ke}), and automatically calculate the transformer Converted to rated temperature, rated current in percent impedance voltage, and percent error from nameplate impedance. It can be used to check the single-phase defects of three-phase transformers.

The **Transformer Short Circuit Test** can record the data of three single-phase measurements, and can calculate the impedance voltage and impedance voltage percentage error of the transformer according to the different connections of the transformer. After three single-phase tests are completed, the calculation results of three-phase short-circuit impedance can be displayed. The test results are automatically converted, with frequency correction, temperature conversion, and current conversion to improve the comparability of test data. VS-6309B has no-load and load test functions.

Weshine® Transformer Short Circuit Test Parameter (Specification)

PRODUCT INFORMATION			
Product Name	TRANSFORMER SHORT CIRCUIT IMPEDANCE TESTER		
Voltage Range	15 V ~ 500V	Current Range	0.5 A ~ 50 A
Functions	Short circuit impedance test, Zero sequence impedance test, load test, no-load test		
Typical Application	High voltage power transformers.		
Weight	9.5 kg	Certificates	CE; EMC; LVD; ISO; IEC;
Dimensions	405mm*330mm*180mm	Model Number	VS-6309 Series

Transformer Short Circuit Test Features

1. Single-phase impedance, three-phase impedance, zero-sequence impedance (star with neutral point) measurement, no-load test function.
2. Two power supply modes: internal power supply and external single-phase voltage regulator.
3. The voltage and current test range is wide and the precision is high.
4. With a 7.0-inch touch screen, the operation is simple.
5. Built-in large-capacity memory, not easy to lose, can save 160 sets of data.
6. Built-in high-speed micro thermal printer, which can print test data.
7. Built-in high-precision clock, real-time display time.
8. With U disk storage function.

Quality Certificates

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We always believe that all the success of our company is directly related to the quality of the products we provide. Open Circuit Test of Transformer meet the highest quality requ



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irements specified in ISO9001, ISO14000:14001 guidelines and our strict quality control system.

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Shipment



For further information on Weshine's Service Solutions, contact our 24/7 online sales representative to get quotes from Weshine.

Contact us

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