



Open Circuit Test and Short Circuit Test

Weshine® Open Circuit Test and 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® **Open Circuit Test and 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 (Zk), three-phase short-circuit reactance (Xk), three-phase short-circuit inductance (Lk), three-phase short-circuit impedance voltage (Zke), 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 **Open Circuit Test and 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® Open Circuit Test and 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

Open Circuit Test and 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.

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Quality Certificates

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



Shipment



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

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