



GDB-H Three Phase Transformer Turns Ratio Tester



General Information

GDB-H Transformer Turns Ratio Tester is specially designed for three-phase transformer in power system.

The tester has wide testing range, fast testing speed, favorable repeatability, flexible data processing, convenient connection, complete protection, easy learning and convenient operation.

Features

True three-phase test: single-phase power input, internal digital synthesis three-phase standard sine wave signal source, through high-fidelity power

amplifier, produces three-phase test power (distortion less than 0.1%) output, test results have better equivalence There will be no misjudgment of the group.

Powerful: not only single-phase measurement, but also automatic test of three-phase winding, single-phase, three-phase can measure polarity, phase angle, once measured the AB, BC, CA three-phase ratio, Parameters such as error, tap position, tap value, etc., can automatically identify the group number.

Blind test function: no need to select the wiring mode, no need to select the wiring group, measure Y/*, */Y transformer without external short circuit, and automatically switch the wiring mode according to the selected test content.

Tap test: It can quickly measure the ratio and ratio error of each tap changer position. The rated ratio can be input only once, and the ratio error of each tap position can be calculated without repeated input.

Good vibration resistance: the use of military connectors enhance the anti-vibration performance.

Revolutionarily display the relationship between the magnitude and phase of each voltage and current in a vector diagram, so that the user can more easily understand the actual meaning of each parameter from a subjective point of view.

Using 7-inch high-definition color display data effects and vector graphics effect is intuitive and delicate.

The test source used in this instrument is a digital sinusoidal standard sinusoidal digital source with a distortion of less than 0.1%, which is not affected by the quality of the working power supply.

Easy to carry: small size, light weight.

Optional internal rechargeable battery, the test can be completed without any power supply on site.

Specification

Turns ratio range	0.9-8000
measurement range	High-voltage side voltage measurement accuracy 0.05% Low-voltage side voltage measurement accuracy of 0.1%
Turns ratio accuracy	0.1%(0.9-1000) 0.2%(1000-3000) 0.3%(3000-10000)
Power input	220V±10%, 50HZ±1Hz
Working temperature	-20°C~40°C
Relative humidity	≤85%, no condensation
Dimension	460*330*150 mm
Weight	1.2kg/7kg