

RDHG-E Frequency Transformer Comprehensive Tester

Transformer Tester is new product created after widely adopt customers's advices and deep theoretical study. It is based on the automatic FA Series Transformer Test er General which is produced by our company that is widely acclaimed and applied. The adoption of high-performance DSP and ARM, advanced manufacturing technology ensure a stable and reliable product performance, full-featured, high degree of automation, high efficiency, in the domestic leading level, they are the professional testing equipments for transformer check in power industry.



product features

1. Full-featured, not only satisfy the test requirements of various CTs (include TP class), such as the excitation characteristics (i.e., volt-ampere characteristics), ratio, polarity, secondary winding resistance, secondary burden, ratio error and phase displacement, but can also be used for the tests of various PTs, including excitation characteristics of the electromagnetic unit, ratio, polarity, secondary winding resistance, ratio error and phase displacement.
2. Automatically give CT, VT parameters, including knee point voltage / current, 10% error curve, the accuracy limit factor (ALF), instrument security factor (FS), the second time constant (Ts), remanence coefficient (Kr), saturated and unsaturated inductance etc.
3. Test meet IEC60044 GB1208 (-1) GB16847 (IEC60044-6) became etc all kinds of transformer standards, and in accordance with the transformer types and levels of automatic choose which standard test
4. Based on advanced principle of low-frequency test method that can meet the CT test on knee voltage up to 30KV.
5. Friendly interface beautiful, all Chinese graphic interface

6. The instrument can store 2000 groups of test data that won't be lost when power off. After test ended, the data can be copied to PC by USB disk for analysis and being transformed into WORD report.
7. Test is simple and convenient, one-click can complete tests of CT secondary resistance, excitation, ratio and clarity.
8. Easy to carry, because the weight is less than 9Kg.



Product specifications and technical parameters

Transformer Tester		
Usage		CT & VT
Output		0~180Vrms, 12Arms, 18A (peak value)
CT Ratio	Range	1~40000
	accuracy	±0.1%
PT Ratio	Range	1~40000
	accuracy	±0.1%
Phase	Range	±5min
	accuracy	0.5min
DC resistance	Range	0~300Ω
	accuracy	2%±2mΩ
Burden	Range	0~300VA
	accuracy	2%±0.2VA
Power supply		AC220V±10%, 50Hz
Environmental Conditions		Operating temperature: -10°C ~50°C, Humidity: ≤90%
Weight and Dimensions		Dimensions:340 mm×300 mm×150mm, Weight<9kg