

Model TTR 771F

Transformer Turns Ratio Test Set



Description:

Accurate knowledge of transformer turns ratio is essential work for inspectors at their manufacturers or electrical test engineers on jobsite.

TTR771F is APT most advanced and latest transformer turns ratio Model with higher accuracy, reliability and handleability.

TTR771F specimen includes, single phase, three phase transformers, Z type transformer, PT. For transformer test, its rated voltage could be 1000KV, and capacity no limited.

Product Features:

- Test range wide, the highest can reach up to 10000.
- The accuracy up to $\pm 0.1\%$ within test range < 2000 ;
- Only 10 seconds for three phase transformer turns ratio tested;
- Large color touched Screen LCD for operation and display;
- 8 output terminals, including neutral point;
- Polarity test for single phase transformer, and Vector Group test for three phase transformer;
- Exciting current to be tested for single & three phase transformer;
- Self-test for each booting to ensure the instrument in good condition for operation;

Three mode could be selected:

- For Quick test, no parameter setting in advance necessary;
- For full test, parameter setting in advance necessary. The instrument will give error and taps position information;
- For test mode, no parameter setting in advance necessary. However, the operator need input such parameter during test;



Data display, storage and output:

- Large color touched Screen LCD display test procedure and data.
- Data printing
- 50 groups of data storage. No lost for test data even if power is cut off suddenly;
- Test data, time, Specimen Serial No, Single Phase/Three Phase available;
- RS485 for PC remotely controlling the instrument
- USB port for exporting the test data to U disk

Protection:

- Wrong connecting protection for High-voltage terminals and low-voltage terminals.
- Wrong connecting protection for 380V input power supply
- Short Circuit protection for both transformer and its turn-to-turn.

Technical Specifications:

- Display: 5 Digital
- Resolution: minimum 0.0001
- power supply: AC220V ± 10% ,50/60 ±1HZ
- Working temperature:-20 ° C to 40 ° C
- Relative humidity: ≤ 80%, no dew
- Exterior size : 360×280×160mm (instrument), 360×280×160mm (test wire box)
- Net Weight: 6 Kg (instrument), 6 Kg(test leads)

Range & Accuracy:

Sampling Voltage	AC160V		AC10V	
Range	0.9-10000		0.9-500	
Accuracy	<2000	±0.1%	≤150	±0.1%
	2000-10000	±0.3%	150-500	±0.3%

