



KPM Transformer Turns Ratio Meter (KPM-TTR3+)



KPM's Transformer Turns Ratio Meter (KPM-TTR3) is used to measure the voltage ratio of 3ph or 1ph phase transformer. All the test results can be printed onsite by the micro printer. KPM TTR3 is having an inbuilt memory to save the test results. Advance Noise Reduction circuitry makes it ideal for field conditions.

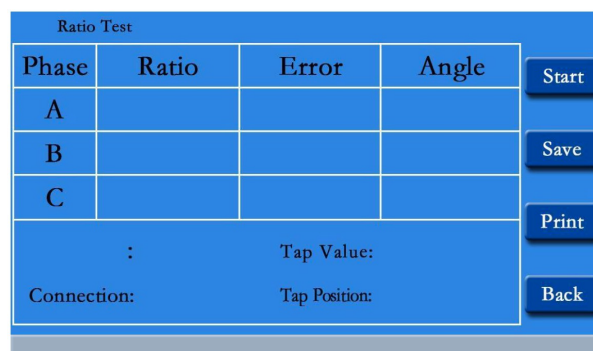
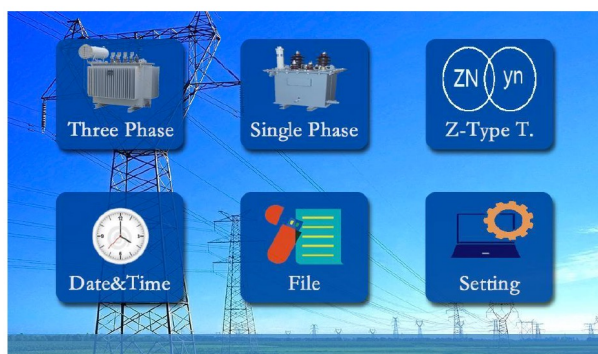
Technical Specifications

- Input Power : 220V 50HZ
- Output Power: 0-40V -160V Max
- Test parameter
 - 1.Rating: 0.9~10000
 - 2.Accuracy: 0.1%(below500)
0.2%(501-2000)
0.5%(2001-10000)
 - 3.Resolution: Minimum is 0.0001

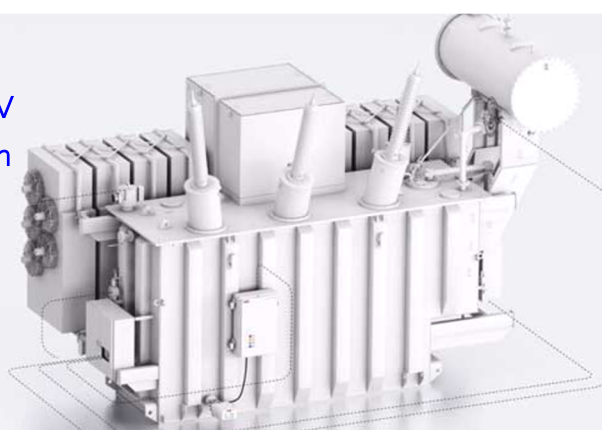
Dimensions

1. Tester:360*290*170(mm) 5.9KGS
2. Wire box 360*290*170(mm)
5.65KGS
3. Environmental
Applied temperature: -10°C~40°C
Relative humidity: ≤85%,non-condensing
4. Printer
5. Thermal Printer

Main Menu & Result Menu



- Rating: 0.9~10000
- Test Voltage: 0-160V
- Display by large touch screen



- Trans. Turn Ratio
- PT ratio
- Onboard Printer



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Functions

1. The three-phase precision inverter power supply is used inside the instrument, which eliminates the influence of harmonics of the mains voltage during measurement, and the measurement is more accurate. When the working power source is a generator, there is no impact.

2. Three-phase output voltage is adopted to improve the test speed. The angle between phases can be measured, and the wiring group 0-11 can be automatically identified. For low-voltage rectifier transformers with multiple windings, the low-voltage side does not need to be disconnected to measure the transformation ratio and Angle deviation.

3. It is suitable for a wide variety of transformers, especially suitable for the measurement of Z-type transformers, rectifier transformers, grounding transformers, electric furnace transformers, phase shifting transformers, balance transformers, etc.

4. It has high and low voltage reverse connection protection, transformer turn short circuit protection, tap switch failure protection, output full short circuit protection, and increased instrument stability.

5. After mentioning the rated parameter, it can automatically measure the transformer ratio value, error value and on-load tap-changer position.

6. Adopt 7-inch high-definition color touch-screen LCD, modular display, clear display even under strong light.

7. The device can be equipped with both print output, USB port and RS232 port, which is convenient for paperless office.

8. The use of cold and heat resistant, sealed, waterproof, anti shock and multi-function engineering plastic box, easy for field test.

Transformer turn ratio test			
Phase	Turn ratio	Error	Angle
A Phase	2.0116	-7.088%	29.36°
B Phase	2.0071	-7.293%	29.77°
C Phase	2.0126	-7.037%	29.53°
Current turn ratio: 2.1650		Tap value: -85.00%	
Connection method: YN/d-1		Tap position: 26.00	

Buttons: Test, Save, Print, Back

Time: 13:43:04

Packing List

- 1 Main Unit - 1 No.
- 2 Power line - 1 No.
- 3 Red test line - 1 No.
- 4 Black test line - 1 No.
- 5 Fuse - 2 No.
- 6 Print paper - 1 No.
- 7 Ground lead - 1 No.
- 8 Serial port line - 1 No.

Contact Us

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