

# Transformer Turns Ratio Tester

## General Information about ADTPT-1000 Three Phase Transformer Turns Ratio Tester

ADTPT-1000 Transformer Turns Ratio Tester is specially designed for three-phase transformer in power system, especially for transformer of type Z winding and other transformers whose zero-load current is relatively high. The tester has wide testing range, fast testing speed, favorable repeatability, flexible data processing, convenient connection, complete protection, easy learning and convenient operation

### Features:

- ✓ Applicable to transformers connected in Z type.
- ✓ Two output voltages are optional and applicable to transformer whose zero load current is relatively high. Wide testing range and the highest transformation ratio may reach 10000.
- ✓ Automatically calculate tap position.
- ✓ Fast speed, which is only 18 seconds for three-phase
- ✓ Favorable repeatability.
- ✓ Automatically save 99 data at most.
- ✓ Flexible data processing, including retrieval, print, transfer to U-disk, delete and upload to PC computer for testing.
- ✓ Functions of transformer short-circuit protection and interturn short-circuit Protection functions.
- ✓ If there is short circuit, relevant information will be displayed on the LCD screen. Small size and light weight.



## Technical Specification of the device:

- Turns ratio range: 0.8-10000
- Group testing range: 1-12
- Turns ratio accuracy: 0.2% (180V: 0.8~1000); 0.5% (180V: 1000~10000) ;0.2% (10V: 0.8~200)
- Turns ratio resolution: 0.0001
- Power input: 220V±10%, 50HZ±1Hz
- Working temperature: -20°C~40°C
- Relative humidity: ≤85%, no condensation
- Dimension: 325mm×278mm×188 mm
- Weight: about 6.9kg

