

## ES6030 Transformer turns ratio tester

- ★ Various test modes: single-phase test, three-phase test, three-phase blind test, Z-type test
- ★ Data storage: 500 groups
- ★ Wide measurement range: variable ratio 0.9~10000
- ★ Measurement accuracy: 0.2% when the variable ratio is 0.9 to 2000, and 0.5% from 2000 to 10000
- ★ Max. resolution: 0.0001
- ★ Support for computer-side control
- ★ Support for Bluetooth control



### PRODUCT INTRODUCTION

The transformer turns ratio tester adopts microprocessor technology for measurement calculation and automatic control, which can quickly and easily measure the actual transformer ratio and group of the transformer. It is mainly used for measuring transformer transformer ratio and group in the power industry, and it is also used for measuring transformer parameters by transformer manufacturers and distributors.

The transformer turns ratio tester is composed of the main machine, monitoring software, test line, communication line, etc. The host has the charging function without the need to find electricity, full color large screen LCD display, the language can be selected in Chinese or English, at a glance, touch screen operation is easy to use, port anti-overload function, large capacity storage of 500 sets of data. The upper computer software has the functions of reading, consulting and saving historical data.

### TECHNICAL PARAMETERS

Function	It is mainly used for transformer ratio and group test of three-phase transformer, transformer ratio and polarity test of single-phase transformer, PT and CT. This product can conduct blind test of three-phase transformer and change ratio and	
Type of test product	Single-phase transformer, three-phase transformer, Z-type transformer, PT, CT	
Variable ratio range	0.9~10000	
Overload protection	Yes	
Power	DC9.6V 3800mAh Large capacity lithium battery	
Charging function	Yes	
Display mode	5-inch touchscreen (854dots 480dots) full-color LCD display	
Interactive mode	Touch screen & button	
LCD size	Length * width : 108 mm×65mm	
Instrument size	Length * width * height : 229mm×166mm×74mm	
Mobile APP	Yes, Bluetooth connection	
Computer connect	Yes, the USB cable connection	
Data storage	500 groups	
Data access	Data access function	
Battery voltage	Real-time display of battery power indicates that the battery should be charged in time when the voltage is low	
Auto shut off	Automatic shutdown can be set for 1 to 30 minutes	
Power dissipation	Standby: about 2W (100% brightness)	Measured at: 12W Max
Weight	Instrument: 1.5kg (including battery)	Test cables: 1.7kg
Insulation resistance	Above 10 MΩ (500V between circuit and housing)	
Withstand voltage	AC 3700V / rms (between circuit and enclosure)	
Electromagnetic characteristics	IEC61010-4-3 , Wireless frequency electromagnetic field≤1V/m	
Suitable for safety Regulations	IEC61010-1、CAT III 600V、Pollution grade 2	