

# Portable Transformer Test Set

## YCRT-6030 Transformer Turns Ratio Tester



## Features & Functions

YCRT-6030 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. It is mainly used in the power industry to measure the transformer ratio and group, and at the same time, it is used by transformer manufacturers and distributors to measure the transformer parameters.

Its functions include: ratio and group testing of the three phase transformers, and single-phase transformers, PT and CT. This product can be used for blind testing of three phase transformers, as well as ratio and group testing of Z-type transformers.

<b>Specimen type</b>	Single phase transformer, three phase transformers, Z-type transformers, PT, CT
<b>Ratio range</b>	0.9~10000
<b>Overload protection</b>	Yes
<b>Power source</b>	DC9.6V, 3800mAh, high capacity lithium battery
<b>Charging function</b>	Yes
<b>Display mode</b>	5 inch touch screen (854dots×480dots) Full color LCD display
<b>Mode of the interaction</b>	Touch screen/buttons
<b>LCD size</b>	Length and width:108 mm×65mm
<b>Instrument size</b>	Length, width and height:229mm×166mm×74mm
<b>Mobil APP</b>	Yes, Bluetooth connection
<b>Computer host</b>	Yes, USB line connection
<b>Data storage</b>	500group
<b>Data access</b>	Data access function
<b>Battery voltage</b>	Real-time display of battery level, indicating the need for timely charging when the battery voltage is low
<b>Automatic switch off</b>	Auto power off could be set for 1~30 minutes.
<b>Power consumption</b>	Standby: approx.2w (100% brightness)
	Measurement:12 Max
<b>Quality</b>	Instrument :1.5kg (including battery)
	Test line: 1.7kg tester line:1.7kg
<b>Working temperature and humidity</b>	-10°C~ 40°C; 70%rh below
<b>Storage temperature and humidity</b>	-20°C~ 60°C; 70%rh below
<b>Insulation resistance</b>	10MΩ above (between circuit and housing)
<b>Pressure resistance</b>	AC 3700V/rms (between circuit and housing)
<b>Electromagnetic property</b>	IEC61010-4-3, radio frequency≤1V/m
<b>Suitable for safety regulation</b>	IEC61010-1、CAT III 600V、pollution class2