

## GF1061R

### Instrument Transformer Turns Ratio Test Set

*GF1061R portable instrument transformer turns ratio test set is mainly used for field or lab testing of current transformers and voltage transformers, it can fully automatic test CT and PT turns ratio. Adopt 7 inch touch TFT LCD, self-equipped mini type printer supporting field printing; supporting to use USB flash disk to dump data. Test quickly, operation simply*

### Reference Standard

IEC 60044, ANSI/ IEEE C57.13, IEC61869,  
 GB 1207-2006, GB 1208-2006

### Features and Functions

1. Test various types of CT and PT turns ratio and phase angle
2. No external other auxiliary equipment, stand-alone to complete all test items
3. It carries with thermal printer, so it can print test results on site
4. The use of intelligent controller, simple operation
5. Holding wire diameter:  $\phi 32\text{mm}$
5. 7" touch TFT LCD, graphical display interface
6. The device can store 3000 groups of test data which would not be lost if the device is power off
7. The data can be displayed and analyzed after the test, or transferred to PC through USB disk and produce a Word file report
8. Portability: weight <5kg, the best light transformer turns ratio test set



### Parameters

Electrical parameters	
Accuracy	0.05%
Power supply	AC 220V $\pm$ 10% or AC 120V $\pm$ 10%, 50/60Hz
Voltage Range	0-100Vrms
Resolution	0.1V
Current Range	0-500mA
Current accuracy	$\pm 1\text{mA}$ , $\pm 0.05\%$ of reading $\pm 1$ digit
CT PT Turns ratio	CT 0.8-50000; PT 0.8-10000
CT PT turns ratio Accuracy	$\pm 0.05\%$
Phase angle measurement	0-90°

## Standards

Reference standards	GB1207-2006, GB1208-2006, GB16847-1997 IEC60044-1, IEC60044-6, IEC61869-2, ANSI/IEEE C57.13
Safety standards	GB 4793.1-2007
EMC	EMC standard 89/336/EEC
	FCC Subpart B of Part 15 Class A
	IEC 1000-4-2/3/4/6

## Mechanical parameters

Overall dimension (L x W x H) (mm)	280 x 246 x 158
Weight (kg)	≤5

## Environmental conditions

Relative humidity	Relative humidity 5%-95% not condensing
Operating temperature	-10°C to +50°C
Storage temperature	-20°C to +70°C
Altitude	000m

