

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, display phase shift. Adopt 7 inch touch TFT LCD, self-equipped mini type printer supporting field printing; supporting to use USB flash disk to download data. Test quickly, operation simply. It has been used many for power engineering service company, electricity power utilities and power plant etc.

Features

1. Auto test CT & PT ratio;
2. Potable IP67 structure design;
3. CT ratio range test: 0.8-50000;
4. PT ratio range test: 0.8-10000;
5. Store 3000 groups of test data;
6. This instrument only weight <5KG;
7. Phase shift measurement display 0-90°;
8. Test single phase power transformer ratio;
9. 6 inch black and white LCD with backlight;



Application

1. Power plant;
2. Electrical laboratory;
3. Electricity power utilities;
4. Railway electric company;
5. Electrical engineering service company;
6. Electricity power bureau & power company;
7. Power engineering commissioning company;
8. Current transformer and voltage transformer factory;
9. Electrical Department of industrial and mining enterprises;

Parameters

Electrical parameters

Accuracy	0.05%
Power supply	AC 220V±10% or AC 120V±10%, 50/60Hz
Voltage Range	0-100Vrms
Resolution	0.1V
Current Range	0-500mA
Current accuracy	±1mA, ±0.05% of reading ±1 digit
CT Turns ratio	CT 0.8-50000
PT Turns ratio	PT 0.8-10000
CT PT turns ratio Accuracy	±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	≤2000m