

## TEST-750

### PORTABLE SINGLE PHASE RELAY TEST SET

TEST-750 single-phase relay test set high performance, portable designed to test in the field; it adopts aluminum alloy body with PC panel, robust shape; with the ARM chip control, LCD screen display single-phase protective relay test device of voltage and current output stopwatch; a full isolation, adjustable AC and DC voltage, AC direct current; an adjustable DC voltage and an adjustable AC voltage; output circuit with double overload protection, high output capacity, small size, light weight, high reliability. The equipment is suitable for a variety of relay field calibration and performance test. This model relay test set is a good ideal tool for power engineering company to test overcurrent relay and overvoltage relay.

### Application

1. Power plant;
2. Universities;
3. Research institutes;
4. Panel manufacturer;
5. Relay manufacturers;
6. Electrical testing center;
7. Electrical laboratory;
8. Power engineering commissioning company;
9. Electricity power bureau & power company;
10. Electrical Department of industrial and mining enterprises;

### Features

1. With AC/DC voltage meter;
2. The maximum output current: 0-250A;
3. Equipped with LCD digital AC/DC ampere meter;
4. AC voltage output 0-250V, DC voltage output 0-300V;
5. With internal electronic stopwatch potential and contact;
6. Integrated kit design with multiple functions, and easy to carry;
7. Short circuit, overload and over range protection automatically;
8. U/I Test and DC Test, All the isolation adjustable DC voltage output;



## Parameters

Electrical parameters				
Accuracy	0.5%			
Power supply	220V±10% 1000VA·50/60Hz; 110V±10% 1000VA·50/60Hz;			
Turn on/turn off auxiliary contacts				
Max current	1A			
Max voltage	AC250V or DC120V			
AC current output				
AC current range	0-150A or 0-250A			
Range	0-10A	0-40A	0-100A	0-100A
No-load Voltage(Min)	90V	25V	10V	10V
Full-load Voltage (Min)	80V	22V	8V	6V
Full-load Current (Max)	10A	40A	100A	250A
AC/DC voltage output				
Range	0-250V(AC)	0-300V(DC)		
No-load Voltage(Min)	250V	320V		
Full-load Voltage (Min)	240V	250V		
Full-load Current (Max)	3A	3A		
Auxiliary DC voltage output				
Range	5-120V	110-220V		
Max Voltage	120V	220V		
Max Current	0.5A	0.5A		
Auxiliary AC voltage output				
Range	0-120V			
Max voltage	120V			
Max current	0.5A			
Stopwatch				
Range	0.0000-999999S			
Resolution	0.1mS			
Accuracy	±5 words			
Max input voltage (With contact and potential input)	DC 250V			
Ammeter				
Range	Inside 0.000-150.0A or 0.000-250.0A Outside 0.000-6.000A(AC or DC)			
Accuracy	0.5%			

**Electrical parameters - continued**
**Voltmeter**

Range	0.0-600.0V(AC or DC)
Accuracy	0.5%
Measuring mode	AC True RMS DC Average value

**Interface**

Serial interface	RS232
LCD	320*240 Greenlight LCD display

**Resistor**

Resistance	0.5Ω-2.5kΩ
Capacitor	10 μF, max voltage 450 V AC

<b>Standard</b>	2006/95/EC, EMC 2004/108/EC, IEC61000, IEC61010, IEC 61326
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**Mechanical characteristics**

Dimensions (W×D×H) (mm)	340×270×260
Weight	18kg

**Mechanical parameters**

Operation temperature	0°C to 50°C
Storage temperature	-40°C to 70°C
Humidity range	Relative humidity 5 ... 95 %, non-condensing