

# Relay Protection Tester

## General information about ADRP-1200T Relay Protection Tester

Relay Protection microcomputer test device play a key role in operating electricity power systems reliably and safely. It is the testing device used in professional field of microcomputer protection, relay protection, excitation measurement, fault recorder.

### Features:

- ✓ Embedded host machine, equipped with big programmed CPLD (Complex Programmable Logic Device)
- ✓ 12 channels D/A output simultaneously in a single machine
- ✓ High precise linear power amplifier, 6 voltage outputs and 6 current outputs.
- ✓ 8 inch LCD screen display. Provide with keyboard/mouse connecting port, also 2 USB port, 2 RS232 port, to communicate with PC and other communication devices
- ✓ Easy to carry, suitable for flexible testing and wild working
- ✓ Intelligent self-protection
- ✓ 8 channels switching value input and 4 channels switching value output.
- ✓ Input contact is idle contact and 0-250V potential contact for selectable, intelligent identification
- ✓ Plentiful Binary and powerful software function;
- ✓ Two groups of DC power supply, 110VDC/1.0A & 220VDC/0.6A, no need to set and adjust by software (Optional).



## Technical specification of the device:

### Rated output:

- Frequency error  $<\pm 0.01\text{Hz}$
- Phase error  $<\pm 0.2^\circ$
- Waveform distortion  $<\pm 0.3\%$  (fundamental wave)
- Time error  $<40\mu\text{s}$
- Output frequency 0~1050Hz
- Power voltage: Allowable range AC220V $\pm 10\%$ , 50Hz $\pm 10\%$
- Ambient temperature: Use range 0~45°C/Storage range -25~70°C
- Time measurement: Test range 0.1ms~999999.999s
- Cabinet dimension: 360mm(L) $\times$ 195mm(W)  $\times$ 375mm(H)
- Cabinet weight: Host machine 16.6kg

