



Quality is the lifeblood of industrial products; every screw is the object we concerned.

TE5812 Microprocessor-based Protective Relay Tester

Brief Introduction:

TE5812 Microprocessor-based Protective Relay Tester can output high-precision six-phase AC/DC voltage, current source, applicable to any microprocessor relay protection testing; uses Windows XP user interface, large color display directly, touch mouse, makes test easier.

Appearance and configuration:



Main features:

- ◆ Six-phase current, six-phase voltage simultaneous output.
- ◆ Control board, with DSP + FPGA structure, 16-bit DAC output, can produce 2000 high-density sine wave on the fundamental points of every cycle. As a domestic tester, it represents the highest level, greatly improved waveform quality and increase the accuracy.
- ◆ Standalone operation, built-in high-performance industrial computer, dominant frequency 300 ~ 600MHZ, 128M memory, 12G hard disk drive, running Windows XP operating system, panel with advanced stainless steel keyboard and touch mouse, 8.4 inches TFT true color LCD.
- ◆ This device can test a variety of relay protection and automatic safety devices, and can simulate complex transient, permanent, transitional fault for the full group equipment tests, also can save real time test data, display vector graph, drawing all kinds of curves and online print reports.

Technical Parameters:

- ◆ Power supply: AC220V±10%; 50Hz 10A
- ◆ AC Current Source: Amplitude range: 6× (0-30A) Accuracy: 0.2%
 Maximum six-phase current parallel output: 180A
 Permit value for long-term work of phase current: 10A



Power: 300VA/phase

Maximum power for six-phase parallel:900VA

Maximum allowed working hours for Six-phase parallel output:10s

Frequency range: 0--1000Hz; Accuracy: 0.001Hz

Harmonic times: 220 orders ; Phase: 0--360°; Accuracy: 0.1°

- ◆ DC Voltage Source:Phase voltage output amplitude: 0--±150V ; Accuracy: 0.2%

Line voltage output amplitude: 0--±300V

- ◆ Time Measurement Range:Range: 1ms~9999s

Measurement accuracy: 1ms

- ◆ DC Current Source: Amplitude: 30A/phase

Power: 300VA/phase

Accuracy: 0.2%

- ◆ AC Voltage Source:Amplitude range: $6 \times (0--125V)$; Accuracy: 0.2%

Line voltage range: 0--250V

Phase voltage /line voltage output power: 75VA/100VA

Frequency range: 0--1000Hz; Accuracy: 0.001Hz

Harmonic times:220 times

WUHAN TESTYLE TECHNOLOGY CO., LTD.

Address: International Enterprises Center II, Guan
Shan Road II, East Lake High-tech Development
Zone, Wuhan

Tel.:+86-27-87797003

Fax: +86-27-6784 5319

Website: <http://www.hvtester.com>

Email: hvtester@yahoo.com



ISO 9001 Quality System Certification Enterprise
Registration No.06905Q10393ROS



Measurement equipment manufacturing license
Made in Hubei:01000301