

CHARACTERISTICS

Test indicators: Can test various domestic (imported) vacuum, sulfur hexafluoride, oil high-voltage circuit breakers, load switches, GIS grounding knife switches, contactors, relays, air switches, etc. Various data and waveforms including closing and opening time, synchronization, bounce time, frequency, automatic reclosing, stroke, speed, current, and operating voltage.

Anti interference channel: can resist static electricity interference at 550KV substation site!

Displacement channel: 1-channel displacement signal acquisition, compatible with durable precision resistance linear displacement and angular displacement sensors. It can also be adapted to users' traditional self-designed sliding resistance sensors.

Fine testing: Developed in strict accordance with the requirements of Part 3 of the General Technical Conditions for High Voltage Testing Equipment of the People's Republic of China Power Industry Standard: High Voltage Switch Comprehensive Tester DL/T846.3-2004. 10kHz high-speed sampling, with a time resolution of 0.1ms and a testing duration of up to 20s.

Operating power supply: Built in isolated digital adjustable DC power supply with short-circuit protection function, can set voltage, command various opening, closing, reclosing operations and action voltage tests.

Synchronous triggering: It can respond to various synchronous triggering methods such as voltage, current, sensor, and fracture changes.

Operation interface: 5.7 "black and white LCD screen, menu style operation, and added shortcut setting buttons on the panel.

Speed definition: Provides two modes for users to choose from: commonly used switch speed definition library and editable speed definition library.

Wave recording function: 12 ordinary metal contact on/off, coil current; Schedule and time waveform.

Waveform printing: Built in 58mm high-speed thermal printer, installed on the top panel, with clear printing of data forms and waveform diagrams.

Data communication: RS232 or USB communication can be used, and PC management software can be used to upload and test data and waveform diagrams.

SD card storage: A large capacity SD card can quickly store and open records, meeting 100 test data and waveform records.

USB storage: Data and waveform files can be quickly stored on a USB drive and opened directly using upper computer software.

Online Help: The instrument is equipped with rich wiring, installation, and testing operation assistance. Easy to use without instructions.

Technical specifications

Test channels: 12 channels with 25V, the current is 50mA

Transducer: one analog transducer .

TIME:

Recording time length : 0~20.0s
Time accuracy : $\pm 0.1\%$ reading ± 2 LSB
Resolution : 0.1ms

Motion:

Range : 0~1000mm
Accuracy : $\pm 1\%$ reading ± 1 LSB
Resolution : 0.1mm

Velocity :

Ranges : 0.01~20.00m/s
Accuracy : $\pm 1\%$ reading ± 1 LSB
Resolution : 0.01m/s

DC POWER :

Ranges : 5~260V
Max current : 20A
Accuracy : $\pm 1\%$ reading ± 1 LSB
Load change : $\leq 1\%$

TRIGGER:

Voltage : 15~260V
Current : 0.1-20A
Tranducer : the transducer states changes
Channels : channels states changed

DIMENSIONS : 380mm×262mm×120mm

WEIGHT : 8kg

OPERATION TEMPERATURE : -10°C ~ 50°C

HUMIDITY : $\leq 80\%$ RH

POWER SUPPLY :

Voltage: AC 220V $\pm 10\%$
FREQUENCY: 50Hz $\pm 10\%$
OR(240V60Hz) Customizable

SAFETY :

Insulation resistance $> 2M\Omega$
Leakage current $< 3.5mA$
Immunity :AC 1500V 50Hz, 1min.