

HTGK-V Circuit Breaker Analyzer



I. Introduction

HTGK-V takes high-end IPC as core, built-in 800MHZ high-speed processor, boot just need 10 seconds. Its main feature not only meet the general high-voltage switches dynamic characteristics test on the market to, but also meet Siemens graphite contact switch test , dynamic resistance waveform can be reliably tested graphite contact switch 6 fracture. It is intelligent, multi-function, data accurate, strong anti-interference, simple operation, small size, light weight, beautiful appearance, etc. It applies to a variety of indoor, outdoor dynamic characteristics test for less oil, more oil switches, vacuum switches, and SF6 switches. The biggest difference in this high-voltage switch dynamic characteristics tester that can be configured universal speed sensor (accelerometer).

II.Features

1. IPC control.
2. Dynamic resistance waveform can be reliably tested graphite contact switch 6 fracture.
3. Time: 12 contacts' fixed opening time and closing time, in-phase same time, out-phase same time.
4. Springing: closing springing time, springing numbers, springing waveform for each breaker; rebound magnitude for each breaker.
5. Speed: instant opening, closing speed, max speed, speed wave.
6. Range: over-range, overriding range.
7. Current: opening/closing current of opening/closing coil, current value, waveform diagram.
8. Reclose: setting reclose interval time, metal short circuit time, no-current interval time.
9. Action voltage: DC20-250V/10A (rated operating) digital adjustable power circuit breaker, setting opening/ closing coil action voltage, finish the breaker low voltage action test.
10. Universal speed sensor extremely easy to install.
11. Applicable to all types of domestic and foreign SF6 switch, GIS combination of electrical, vacuum switch, oil switch.
12. Switching one time, get all the data and diagram.
13. The host can store more than one million units of test data, real-time clock inside the machine for easy archival storage test date, time.
14. With U-disk interface, can save data directly to the U disk.
15. Big screen, wide temperate, backlight LCD, full display all data and diagram, electronic LCD contrast adjustment, power-off memory.
16. With printer, print all data and diagram.

17. Formulate the analysis software for instant opening, closing speed according to requirement to analyze, it is suitable for measuring speed of any types switches.

III. Parameters

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|----------------------|----------------------------|---------------------|
| Input power | 220V±10% | 50Hz±10% |
| Atmospheric pressure | 86~106kP | |
| Temperature | -10~40°C | |
| Humidity | ≤80%RH | |
| Time | 4000.0ms | Resolution: 0.1ms |
| Speed | 20.00m/s | Resolution: 0.01m/s |
| Range | 800mm | Resolution : 0.1mm |
| Current | 20A | Resolution: 0.01A |
| Internal power | 220V/10A | |
| Dimension | 360×280×300mm ³ | |
| Weight | 10kg | |

IV. Accessories



