

CHARACTERISTICS

- ◆ the instrument can test the vacuum circuit breaker, sf6, oil circuit breaker, GIS and etc.
- ◆ there are discharge circuit on every main contact channel, so the instrument can be used in the 550kV environment.
- ◆ the instrument can test up to 12 main contacts. 6 aux contacts, 6 PIR contacts, 3 or 6 graphite contacts, 3 or 6 BSG are selectable.
- ◆ With one analog motion transducers and one digital transducers test interface. Three analog and digital transducers are selectable.
- ◆ Just one test, the user can get the close(open) , C-O, O-C and O-C-O' s time , motion and speed results table and graph.
- ◆ Up to 50 different circuit breaker types are supported.
- ◆ With the built-in large power and isolation digital dc power, the MTC,MLC , charge motor and charge motor test are easily supported.
- ◆ With archive management, the pc software is available, the envelope curves function is available.
- ◆ With a 7 inch TFT LCD panel, keypad, a friendly HMI interface is supported.
- ◆ The change between the simple Chinese and English language is supported.

Type Test ability	AD	A	B	C	D	E	F	G	H
Normal contact	12	12	12	12	12	12	12	12	12
PIR	Select		6	6	6	6	6	6	6
BSG	Select					3	6	3	6
Graphite	Select			3	6			3	6
Auxiliary	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)

Technical specifications

Timing Part

(1) Main Contact, Aux Contact :

Recording length : 1ms~20s
Time resolution : 0.1ms~20ms(Depend on recording time length)
Time accuracy : $\pm 0.1\% \text{reading} \pm 1 \text{Lsb}$

(2) PIR Contact :

PIR resistance range : $50\Omega \sim 5000\Omega$
PIR resistance resolution: 1Ω
PIR resistance accuracy: $\pm 1\% \text{reading} \pm 2\Omega$

(3) Graphite Contact :

Recording length : 1ms~2s
Time resolution : 0.1ms
Time accuracy : $\pm 0.2\% \text{reading} \pm 1 \text{Lsb}$

(4) BSG test method :

Recording length : 1ms~2s
Time resolution : 0.1ms
Time accuracy : $\pm 0.2\% \text{reading} \pm 1 \text{Lsb}$

Stroke Part

Stroke range : 0~1000mm
Stroke resolution : 0.1mm
Stroke accuracy : $\pm 0.5\% \text{reading} \pm 1 \text{Lsb}$

Velocity Part

Velocity range : 0~20.0m/s
Velocity resolution : 0.01m/s

Coil Current Part

Current range : 0~20A
Current resolution : 0.001A

Voltage Source Part

Voltage range : 15~255V
Max power : 5kW

Power Supply Part

Main unit supply : 220V $\pm 10\%$ AC, 50Hz $\pm 10\%$

Environment Part

Operating temperature : $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$

Storage temperature : -30°C ~ 70°C
Relative humidity : 5~95%, non-condensing
Altitude : less than 2000m

Main unit Dimensions

Type A/B ABS : 456(W)*372(D)*185(H)mm
Type C to H ABS : 472(W)*365(D)*210(H)mm
Type AD(4U aluminum) : 483(W)*450(D)*178(H)mm

Weight

Type A/B ABS :
Type C to H ABS : 11.5 kg
Type AD(4U aluminum) :