

## T-209

### Circuit Breaker Tester/Circuit Breaker Analyzer

*T-209 Circuit Breaker Tester can test the vacuum circuit breaker, SF<sub>6</sub>, oil circuit breaker, GIS and etc. the test parameters include, close or open time, delta time, bounce time, bounce cycles, multi-operation, stroke, gap, over-travel, overshoot, rebound and the speed, with the ability of test results and graph display.*



### Features

1. Immunity : withstand the 550KV electrostatic environment
2. Transducer: with one analog transducer test ability .
3. Standard : with the standard of DL/T846.3—2004 (P.R.C.)
4. Power: with internal dc power ,the voltage ranges from 15v to 250v.
5. Trigger: with four triggers to start the recording ,channels state, voltage, current and transducer.
6. HMI: via keypad and a large transfective LCD display (320 x 240 pixels).
7. Speed: supply series of speed definition with editable and un-editable selection.
8. Recording: with twelve channels ,coil current and transducer .
9. Print: with internal installed 58mm wide thermal printer.
10. Communication: with RS232 and USB communication interface.
11. Memory: with a SD card of 2GB,the maximum storage ability is 100 test results.
12. USB FLASH: USB and RS232 interface for data communication with the PC.
13. Help : the instrument has internal help topic .

### Parameters

Electrical parameters		
Power supply	Single phase AC 220V±10% or 110V±10%, 50/60HzAC	
Immunity	withstand the 550KV electrostatic environment	
Test channels	12 channels with 25V, the current is 50mA	
Transducer	one analog transducer	
TIME	Recording time length	0~9.9s
	Time accuracy	±0.1%reading ± 2 LSB
	Resolution	0.1ms

**Electrical parameters - continued**

Motion	Ranges	0~1000mm
	Accuracy	±1% reading ±1LSB
	Resolution	0.1mm
Velocity	Ranges	0~20.00m/s
	Accuracy	±1%reading ±1LSB
	Resolution	0.01m/s
DC POWER	Ranges	15~260V
	Max current	20A
	Accuracy	±1%reading ±1LSB
	Load change	≤1%
TRIGGER	Voltage	15~260V
	Current	0.1-20A
	Transducer	the transducer states changes
	Channels	channels states changed
Memory	SD card of 2GB,the maximum storage ability is 100 test results	
LCD	5.7"black and white LCD display (320 x 240 pixels)	
Communication	RS232 and USB communication interface	
Printer	internal installed 58mm wide thermal printer.	
Standard	DL/T846.3-2004, IEC61010-1, IEC61326-1	

**Mechanical parameters**

Dimension (L×W×H) (mm)	380x262x120
Weight (kg)	6

**Environmental conditions**

Operating temperature	-10°C to 50°C
Storage temperature	-20°C to 70°C
Relative humidity	≤95%RH