



## 1.1 Main Functions

- 1) Test standard: IEC62271
- 2) Closing and opening time measurement of 12 channels
- 3) Max difference of closing or opening time measurement of three phases
- 4) C-O and O-C time measurement
- 5) Rated operation sequence test
- 6) Bounce time and frequency measurement of breaker closing
- 7) Circuit breaker closing and opening speed measurement
- 8) Travel-time, Coil current-time curve of circuit breaker operation measurement
- 9) Travel and clearance of circuit breaker measurement
- 10) Variable DC circuit breaker operation power supply
- 11) Closing arc resistance value and connected time measurement
- 12) Closing time and opening time of graphite circuit breaker measurement
- 13) Print test results by internal micro printers

## 1.2 Technique index

- 1) Time measurement range: 6000ms, resolution 0.1ms  
Time measurement error  $<1\%RDG+0.2ms$
- 2) Speed measurement:  
Range 2m/s      resolution 0.01m/s      max error $<0.1m/s$   
Range 20m/s      resolution 0.01m/s      max error $<0.2m/s$
- 3) Travel measurement:  
Range 50.0mm      resolution 0.1mm      max error $<1\%RDG+0.1\%FS$   
Range 300.0mm      resolution 1mm      max error $<1\%RDG+0.1\%FS$   
Range 600.0mm      resolution 1mm      max error $<1\%RDG+0.1\%FS$
- 4) Coil current measurement range 20.00A, resolution 0.01A, error  $2\%+0.2\%FS$
- 5) Closing resistance value measurement range: 100~10000ohm, error:  $5\%RDG$
- 6) DC Power out: DC30V~250V/20A (instantaneous)
- 7) Power supply: AC220V $\pm 10\%$  50Hz $\pm 10\%$
- 8) Temperature: -10~40°C humidity:  $<80\%$
- 9) Size: 360mm $\times$ 280mm $\times$ 300mm
- 10) Weight: 10kg

