

HYGK-303 Circuit Breaker Tester



1.1 Main Functions

- 1) Closing and opening time measurement of 12 channels
- 2) Max difference of closing or opening time measurement of three phases
- 3) Bounce time and frequency measurement of breaker closing
- 4) Circuit breaker closing and opening speed measurement
- 5) Travel-time, Coil current-time curve of circuit breaker operation measurement
- 6) Clearance of circuit breaker measurement
- 7) Variable DC circuit breaker operation power supply
- 8) 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 250.0mm resolution 1mm max error 1mm
- 4) DC Power out: DC30V~250V/10A (instantaneous)
- 5) 9 Travel sensors configuration: grating and angle
- 6) Test standard: IEC62271
- 7) LCD: 128×64
- 8) Power supply: AC220V±10% 50Hz/60Hz
- 9) Temperature: 0~50°C humidity: <85%
- 10) Size: 360mm×280mm×300mm
- 11) Weight: 7kg

