

# RCD TESTERS

## MODEL 5406A



- Custom microprocessor controlled for highest accuracy and reliability
- 3 LEDs for checking correct wiring status
- 0 and 180 degree phase angle switch permits quick tests and consistent readings
- Digital read-out of tripping time
- Test of a large kind of RCDs : Standard, Selective, AC and A(DC sensitive breakers)
- Constant current source circuitry ensures that a fluctuating mains voltage does not affect the accuracy of readings
- Large custom digital display readout
- Visual indication of reversed phase and neutral wiring at socket
- Designed to IP54 Rating
- Complies with IEC 61557

5406A	
Rated tripping current	10/20/30/200/300/500mA
Fault condition settings	× 1/2 × 1 × 5 × DC Auto Ramp
Trip current duration	1000ms 200ms(× 5)
Lowest resolution	1ms
Trip time accuracy	±0.6%rdg±4dgt
Operating voltage	230V±10-15% (195 - 253V)[50Hz]
Applicable Standards	IEC 61557-1,6 IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-031 IEC 60529(IP54)
Dimension	167(L) × 186(W) × 89(D)mm
Weight	Approx. 800g
Accessories	Molded plug test lead*1, 9147(Cord case) 9121(Shoulder strap), Instruction manual
Optional Accessories	7121B(Distribution board test leads)

\*1 7123(AU) : Australian plug 7124(UK) : British plug(13A)  
7125(EU) : European SCHUKO plug 7126(SA) : South african plug

### Accessories

#### Molded plug test lead



- MODEL 7123**  
(AU)Australian plug
- MODEL 7124**  
(UK)British plug(13A)
- MODEL 7125**  
(EU)European SCHUKO plug
- MODEL 7126**  
(SA)South african plug

### Optional Accessory



**MODEL 7121B**  
Distribution board test leads

## KEW 5410



- **Measurement of RCD trip time**  
Conducting testing of rated residual non-operating currents at × 1/2 Range, measuring RCD trip time at × 1 and × 5 Ranges
- **Measurement of trip out current**  
Measuring trip out current by varying current automatically
- **Remote Test**  
Enabling a user to hold the Test Leads with his both hands by locking the Test Button Measurement will automatically start when the main voltage is detected
- **Voltage Measurement**  
Carrying out a constant measurement of voltage in the stand-by mode at each Range
- **Auto-detection of Contact voltage**  
Detecting the voltage to earth of Earth electrodes or Protective conductors during RCD test - when applying test currents - at measurement using EARTH in order to prevent electrical shocks caused by the damaged earth  
Measurement will be ceased at AC50V or more
- **Dust and Water proof**  
Dust and Water proof construction (designed to IEC 60529 IP54)
- **Backlight**  
Facilitating working at dimly illuminated locations

5410				
		Measurement of RCD trip time		Measurement of trip out current
Range	× 5	× 1	× 1/2	Auto Ramp (mA)
Rated voltage	100V±10%, 200V±32%/-10%, 400V±10%, (50/60Hz)			
Test current	15/30/50/100mA		15/30/50/100/200/500mA	
Measuring range	Testing time	Testing time		40 - 110% of IΔn (goes up by 5%) Testing time 300ms × 15 steps
	200ms	2000ms		
Accuracy	Trip time	±1%rdg±3dgt		Test current at each step -4 - +4%
	Test current	+2 - +8%dgt		
Voltage measurement				
Measuring range	80 - 450V(50/60Hz)			
Accuracy	±2%rdg±4dgt			
Applicable Standards	IEC 61010-1 CAT III 300V / CAT II 400V Pollution degree 2 IEC 61557-1,6 IEC 60529(IP54)			
Operating temperature and humidity range	0 - 40°C, relative humidity 85%(no condensation)			
Storage temperature and humidity range	-20 - 60°C, relative humidity 75%(no condensation)			
Power source	R6(AA)(1.5V) × 8			
Dimension	167(L) × 186(W) × 89(D)mm			
Weight	Approx. 965g (including batteries)			
Accessories	7128A(Test leads), 7129A(Test lead with alligator clip) 8017(Extension prod long) × 2, 9147(Cord case), 9121(Shoulder strap), Instruction manual, R6(AA) × 8			

\*Only the RCD type G (without trip out time-delay) can be tested at Auto Ramp Test ; type S (time-delay) cannot be tested.

### Accessories



**MODEL 7128A**  
Test leads



**MODEL 7129A**  
Test lead with alligator clip



**MODEL 8017**  
Extension prod long