



Kyoritsu 5410 RCD Tester

Features at a glance

- Conducting testing of rated residual non-operating currents at $\times 1/2$ Range, measuring RCD trip time at $\times 1$ and $\times 5$ Ranges.
- Measuring trip out current by varying current automatically.
- Remote Test Enabling a user to hold the Test Leads with both hands by locking the Test Button.
- 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 in order to prevent electrical shocks caused by the damaged earth. Measurement not permitted at AC50V or more.
- Dust and Water proof
- Backlight

Specifications

Measurement of RCD trip time Measurement of trip out current

Range	$\times 5$	$\times 1$	$\times 1/2$	Auto Ramp (mA)
Rated voltage	100V \pm 10%, 200V+32%/-10%, 400V \pm 10%, (50/60Hz)			
Test current	15/30/50/100mA	15/30/50/100/200/500mA	15/30/50/100/200/500mA	
Measuring range	Testing time 200ms	Testing time 2000ms	Testing time 2000ms	40% - 110% of $I_{\Delta n}$ (goes up by 5%) Testing time 300ms \times 15 steps
Accuracy Trip time	$\pm 1\%$ rdg \pm 3dgt	$\pm 1\%$ rdg \pm 3dgt	Test current at each step -4% - +4%	
Accuracy Test current	+2% - +8%dgt	+2% - +8%dgt	-8% - -2%dgt	

Voltage measurement

Measuring range	80V - 450V(50/60Hz)			
Accuracy	$\pm 2\%$ rdg \pm 4dgt			
Applicable Standards	IEC 61010-1 Pollution degree 2 CAT III 300V/ CAT II 400V IEC 61557-1,6 IEC 60529(IP54)			
Operating temperature & humidity	0°C - 40°C, relative humidity 85%(no condensation)			
Storage temperature & humidity	-20°C - 60°C, relative humidity 85%(no condensation)			
Power source	R6(AA)(1.5V) \times 8			
Dimensions	167(L) \times 186(W) \times 89(D)mm			
Applicable Standards	IEC 61010-1 CATIII 600V 1(EMC)	IEC 61557-1,2,4	IEC 61326-1(EMC)	IEC 60529(IP40)
Weight	Approx. 965g (including batteries)			
Power source	R6 \times 6 or LR6 \times 6			
Accessories	77128A(Test leads), 7129A(Test lead with alligator clip) 8017(Extension prod) \times 2, 9147(Cord case), 9121(Shoulder strap), Instruction manual, R6(AA) \times 8			