

FEATURES

- Intelligent microprocessor chip control : High accuracy, reliability and stability
- RCD/ELCB Test Wiring Check
- Phase angle selection : The RCD test can be selected to start from a positive (0°) or a negative (180°) half cycle
- Contact voltage alarm : When the contact voltage is larger than the selected limit value during the RCD test, the RCD test will be stopped
- Auto data hold : After RCD test, the measurement results are kept displayed
- Over range indication
- AUTO RAMP test
- Battery powered : 1.5V AA alkaline battery (6 pcs).
- Auto Power Off function : The instrument will be power off automatically after no operation for 5 minutes
- Fuse safeguard
- Double or reinforced Insulation for safe design
- Backlight function
- LINE-NEUTRAL voltage measurement
- LINE-PHAS-EARTH voltage measurement : Display L-PE input voltage
- Frequency measurement



TECHNICAL SPECIFICATIONS

Measurement Range and Measurement Accuracy (Temperature : 23±5°C; Humidity : 45%~75% RH; Altitude ≤2000m)

Voltage Measurement Function:

Function	Voltage Range	Frequency Range	Display Resolution	Accuracy Error
VOLTS	30V ~ 600V	45Hz ~ 65Hz	1V/1Hz	±3%rdg ±3dgt (Frequency display is for reference only)

RCD Test Function:

Function	Voltage (AC)	Trip Current (IΔn)	Trip Time (MAX)	Accuracy	
				Trip Current	Trip Time
×1/2	230V (Tolerance: -15% ~ +10%)	10/20/30/100/300/500mA	2000mS	Tolerance: -10% ~ 0%	±2%rdg ±2dgt
×1		10/20/30/100/300 mA	1000mS		
×5		500mA	300mS		
		10/20/30mA	40mS		
AUTO RAMP Test	Frequency: 50Hz	10/20/30/100/300/500mA	(RAMP increase step 10%) IΔn from 20% ~ 110% 300* 10mS	Tolerance: -10% ~ +10%	

Measurement Range (Function)

- VOLTS----- Voltage measurement, 30V~600V, 45Hz~65Hz
- ×1/2----- Non-tripping test, check RCD sensitivity
- ×1----- Measure trip time
- ×5----- Measure fast trip time at IΔn × 5 trip current
- AUTO RAMP test----- Measure trip current

Application Standard:

- IEC 61010-1 CAT III 600V, Pollution Degree 2
- IEC 61557-1, 6
- IEC 61010-2-31

RCD Test Operating Voltage:

230V/50Hz (voltage range : 195~253V)

Working Environment:

- Temperature : 0°C~40°C
- Relative humidity : ≤80%RH
- Altitude : ≤2000 meter

Storage Condition:

- Temperature : -20°C~60°C
- Relative humidity : ≤75%RH

Product Size : 160mmx70.5mmx100mm

Product Weight : About 400g

Standard Accessories:

- Test lead (1.5 meters) 1 pc
- User manual 1 pc
- Shell/strap/cloth bag1 set