

PRODUCTS

- Multimeters
- Voltage Testers
- Clamp Meters
- Clamp Adaptors
- Multi-Trans, Energizer
- Loggers
- Insulation Testers
- Earth Testers
- LOOP/PSC Testers
- RCD Testers
- Multi Function Testers
- Combi Tester
- Portable Appliance Testers
- Power Meters
- Sensors
- Others
- Test Leads
- Discontinued Products

Multi Function Testers
MODEL 6010A
Continuity and Insulation Testing

- Live circuit warning LED: Immediate illumination of a warning lamp if the circuit under test is live
- Auto Discharge: Allows fast and safe discharge of electrical energy stored in capacitive circuits following testing
- Integral overload protection on internal continuity and insulation test circuitry
- Autoranging
- 500V DC test voltage for insulation tests
- 200mA short circuit current on continuity ranges

Loop and RCD Testing

- Wiring connection check LED's: Immediate indication if wiring of circuit under test is correct
- Overheat Protection: Rapid detection of overheating of internal circuitry, display of warning signal to user and automatic halting of measurement
- Supply Voltage Indication: Can display supply voltage value in loop impedance mode
- Low Current Loop Impedance Test: Short duration low test current will prevent tripping of many passive RCDs

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- Auto Data Hold:
Retains displayed reading for set period following test
- Phase Angle Selection:
Selection of test current from +ve or -ve half cycle of waveform can prevent tripping of polarized type RCDs

Continuity Testing

Measuring Ranges	0~19.99 and 10.0~199.9Ω (2 auto ranges)
Open Circuit Voltage	> 4V(as per IEC364)
Short Circuit Current	> 200mA DC(as per IEC364)
Accuracy	±(3% + 3dgt)

Loop Impedance Testing

Rated Voltage	230V AC +10%-15%(50Hz)
Voltage Measuring Range	100-250V AC (50Hz)
Impedance Range	20/2000Ω
Nominal Test Current	25A (20Ω range) 15mA (2000Ω range)
Test Period	1/2 cycle (10ms)
Accuracy	20Ω range : ±(3% + 8dgt) 2000Ω range : ±(3% + 8dgt)

Insulation Testing

Measuring Ranges	0~19.99 and 10.0~199.9MΩ (2 auto ranges)
Test Voltage	500V DC
Output Voltage on Open Circuit	570V DC±6%
Rated Current	> 1mA(as per IEC364)
Accuracy	± (3% + 3dgt)

RCD Testing

Rated Voltage	230V AC +10%-15%(50Hz)
Trip Current Settings	RCD × 1/2: 5, 15, 50, 150, 250mA RCD × 1: 10, 30, 100, 300, 500mA
Trip Current Duration	RCD × 1/2 × 1: 2000ms
Fast Trip	150mA
Accuracy	Trip current ±3% of test current at 230V. Trip time ±(3% + 3dgt)

General

Safety Standard	IEC61010-1 CAT.III 300V Pollution Degree 2 IEC61010-2-031 IEC61557
Withstand Voltage	4000V AC for 1 minute
Power Source	R6P(AA)(1.5V) × 8
Dimensions	175(L) × 115(W) × 86(D)mm
Weight	780g approx.
Accessories	7025(Test Leads) KAMP10* (Test Lead with IEC Connector) Pouch for Test leads Shoulder Strap Shoulder Pad R6P(AA) × 8 Instruction Manual *KAMP10(EU): European SHUKO plug KAMP10(UK): British plug(13A) KAMP10(AU): Australian plug KAMP10(SA): South African plug

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