

# KEW MULTI FUNCTION TESTERS

## MODEL 6011A

CE



The Model 6011A can perform FIVE separate test functions; insulation, continuity, earth loop impedance, prospective short circuit current and RCD trip testing in full compliance with IEC61557.

## Features

- Complies with IEC61557
- Designed to IP 54 Rating
- Live circuit and wiring connection check LED's
- Triple ranges insulation tests at 250, 500 and 1000V
- Triple range loop and PSC tests 15mA test current at 200Ω/2000Ω range(No RCD Trip)
- Phase angle selection on RCD ranges
- Polarity switch for continuity tests
- Auto-null facility for continuity tests
- DC test for DC sensitive RCDs
- Earth probe for loop impedance testing on extraneous metalwork
- Contact Voltage Reading

## Specifications

Continuity Testing	
Measuring Ranges	20/200/2000Ω (Autoranging)
Open Circuit Voltage	>6V
Short Circuit Current	>200mA DC
Accuracy	±(1.5%rdg+3dgt)

Insulation Testing	
Measuring Ranges	20/200MΩ (Autoranging)
Test Voltages	250V 500V 1000V DC
Output Voltage on Open Circuit	250V+20%-0% 500V+20%-0% 1000V+20%-0%
Rated Current	> 1mA
Accuracy	±(1.5%rdg+3dgt)

Loop Impedance Testing	
Rated Voltage	230V AC +10%-15% @ 50Hz
Voltage Measuring Range	100-250V AC @ 50Hz
Impedance Ranges	20/200/2000Ω
Nominal Test Current	3A (20Ω range) 15mA (200Ω range) 15mA (2000Ω range)
Accuracy	20Ω range ±(3%rdg +4dgt) 200Ω range ±(3%rdg +4dgt) 2000Ω range ±(3%rdg +4dgt)

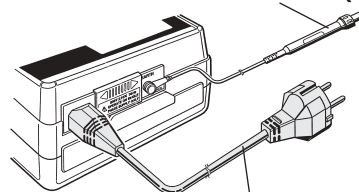
PSC Testing	
Rated Voltage	230V AC +10%-15% @ 50Hz
PSC Ranges	200A(15mA Test Current) 2000A(3A Test Current) 20kA(3A Test Current)
Accuracy	PSC accuracy derived from measured loop impedance specification and measured voltage specification

RCD Testing	
Rated Voltage	230V AC ±10%-15% @ 50Hz
Trip Current Settings	RCD × 1/2 : 10,30,100,300,500,1000mA RCD × 1 : 10,30,100,300,500,1000mA RCD × 5 : 10,30,100,300mA (on × 5 range max current 1A)
Trip Current Duration	RCD × 1/2 × 1: 2000ms RCD fast: 50ms
Accuracy	Trip current +10%-0% of test current at 230V Trip time ±(1%rdg + 3dgt)

General	
Safety Standard	IEC61010-1 CAT.Ⅲ 300V Pollution Degree 2 IEC61557
Withstand Voltage	3700V AC for 1 minute
Power Source	LR6 (1.5V) × 8
Dimensions	130(L) × 183(W) × 100(D)mm
Weight	1000g approx.

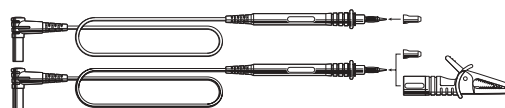
## Accessories

### ■ KSLP5 (Model 7132)



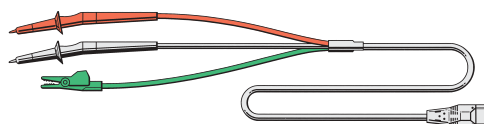
### ■ KAMP10

## Model 7122 Test Leads



Accessories	
※ KAMP10 molded plug test leads for loop and RCD testing at sockets	
7122 lead for insulation and continuity testing	
KSLP5 external earth probe	
Pouch for Test Leads	
Shoulder Strap	
Battery LR6 (1.5V) × 8	
Instruction Manual	
Optional Accessories	
OMA DIEC Distribution board or lighting circuit test leads for LOOP/PSC/RCD testing	
※ KAMP10(EU):European SHUKO plug KAMP10(UK):British plug(13A) KAMP10 (AU):Australian plug KAMP10(SA):South African plug	

## Optional Accessory



### ■ OMA DIEC (Model 7133)