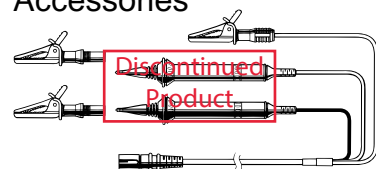


6015



IEC 61010-1 CAT. 300V

#### Accessories



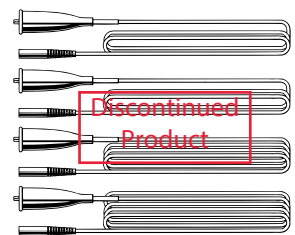
Model 7098



Model 7099



Model 7025



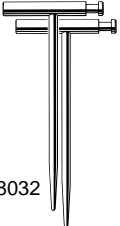
Model 7109



Model KSLP5 (Model 7132)



Model 8210



Model 8032



Durable Holdall & Accessory pouch

The top of the range KEW6015 can perform TEN separate test functions and provides all the test functions generally required to verify the safety of electrical installations in full compliance with IEC61557. The KEW6015 can store test results in its on-board memory for later downloading to a computer or printer. Data can be downloaded via the Infra Red Communication Port(IRDA Port). The KEW6015 is software driven and guides the user through the test functions required making the instrument very easy to use. It's numerous features include the ability to conduct 3 or 4 wire earth resistance tests, D-Lok technology to prevent tripping of most passive type RCD's when loop testing and mains voltage and frequency measurement.

#### Features

- Live circuit and wiring connection check LED's
- D-Lok technology on loop test range
- On-board memory to store test results
- Downloading of data via IRDA port
- Auto power off
- Back lit display
- Polarity switch
- Continuity Auto-null
- Auto ramp and auto test on RCD ranges
- Designed to IP54 Rating
- Complies with IEC61557

10in1

Continuity Tester

Insulation Tester

Loop Impedance Tester

RCD Tester

PSC Tester

Fault Current Tester

Earth Resistance Tester

Phase Rotation Tester

Mains Frequency Measurement

Mains Voltage Measurement

6050

Loop Impedance Testing		
Rated Voltage 230V + 10% 15% (20/200/2000 )		
400V + 10% 15% (200/2000 )		
Voltage Measuring Range 100-260V		
100-440V (200/2000 ,200A)		
Impedance Range 20/200/2000		
Nominal Test Current 15mA (200/2000 )3A (20 )		
Base Accuracy		
20 range ± (3%rdg+8dgt)200 range ± (3%rdg+8dgt) 2000 range ± (3%rdg+8dgt)		

#### PSC Testing

Loop Impedance Testing		
Rated Voltage 230V + 10% 15% (20/200/2000 A)		
400V + 10% 15% (200 A)		
PSC Ranges 200/2000A/20kA		
Accuracy		

PSC accuracy derived from measured loop impedance specification and measured voltage specification

#### RCD Testing

RCD Testing		
Rated Voltage 230V + 10% 15%		
Trip Current Settings		
RCD × 1/2 : 10,30,100,300,500,1000mA		
RCD × 1 : 10,30,100,300,500,1000mA		
RCD × 5 : 10,30,100mA		
RCD × DC : 10,30,100,300,500mA		
RCD × Ramp : 10,30,100,300,500mA		
Trip Current Duration		
RCD × 1/2, × 1, × DC: 1000ms		
RCD × 5,DC (500 and × 1 1000mA):200ms		

#### Contact Voltage Reading

General Specifications		
1.0-100.0V		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 186(L) × 167(W) × 89(D)mm		
Weight 980g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 186(L) × 167(W) × 89(D)mm		
Weight 980g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 186(L) × 167(W) × 89(D)mm		
Weight 980g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 186(L) × 167(W) × 89(D)mm		
Weight 980g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 186(L) × 167(W) × 89(D)mm		
Weight 980g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 186(L) × 167(W) × 89(D)mm		
Weight 980g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 186(L) × 167(W) × 89(D)mm		
Weight 980g approx including batteries		

6010A

Continuity Testing		
Measuring Ranges		
20/200 Autoranging		
Open Circuit Voltage > 4V		
Short Circuit Current > 200mA DC		
Accuracy ± (3%rdg+3dgt)		
Insulation Testing		
Measuring Ranges		
20/200M Autoranging		
Test Voltage 500V DC		
Output Voltage on Open Circuit 570V DC ± 6%		
Rated Current > 1mA		
Accuracy ± (3%rdg+3dgt)		
Loop Impedance Testing		
Rated Voltage 230V AC ± 10% @ 50Hz		
Voltage Measuring Range 100-250V @ 50Hz		
Impedance Ranges 20/2000		
Nominal Test Current 24A (20 range) 15mA (2000 range)		
Accuracy		
20 range ± (3%rdg+8dgt)2000 range ± (3%rdg+8dgt)		

#### RCD Testing

RCD Testing		
Rated Voltage 230V AC ± 10% @ 50Hz		
Trip Current Settings		
RCD × 1/2 : 5,15,50,150,250mA		
RCD × 1 : 10,30,100,300,500mA		
RCD fast : 150mA		
Trip Current Duration RCD × 1/2 × 1 : 2000ms		
RCD fast :40ms		

#### RCD Testing

RCD Testing		
Rated Voltage 230V AC ± 10% @ 50Hz		
Trip Current Settings		
RCD × 1/2 : 5,15,50,150,250mA		
RCD × 1 : 10,30,100,300,500mA		
RCD fast : 150mA		
Trip Current Duration RCD × 1/2 × 1 : 2000ms		
RCD fast :40ms		

#### RCD Testing

RCD Testing		
Rated Voltage 230V AC ± 10% @ 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 Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 175(L) × 115(W) × 86(D)mm		
Weight 780g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

6011A

Continuity Testing		
Measuring Ranges		
20/200/2000 Autoranging		
Open Circuit Voltage > 6V		
Short Circuit Current > 200mA DC		
Accuracy ± (1.5%rdg+3dgt)		
Insulation Testing		
Measuring Ranges		
20/200M Autoranging		
Test Voltages 250V,500V and 1000V DC		
Output Voltage on Open Circuit 250V+40%-0% 500V+30%-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 20/200/2000		
Nominal Test Current 3A(20 range),15mA(200 range),15mA(2000 range)		
Accuracy		
20 range ± (3%rdg+4dgt) 200 range ± (3%rdg+8dgt) 2000 range ± (3%rdg+4dgt)		

#### PSC Testing

PSC Testing		
Rated Voltage 230V AC + 10% 15% @ 50Hz		
PSC Ranges 200A,2000A and 20kA		
Accuracy		

PSC accuracy derived from measured loop impedance specification and measured voltage specification

#### RCD Testing

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 Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

#### General Specifications

General Specifications		
Safety Standard IEC 61010-1 CAT. 300V		
Pollution degree 2		
Withstand Voltage 3700V AC for one minute		
Power Source 8 × 1.5V R6P		
Dimensions 130(L) × 183(W) × 100(D)mm		
Weight 1000g approx including batteries		

6015

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



# 6050



IEC 61010-1 CAT. 300V

## Accessories



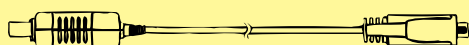
Model 7123(AU)Australian plug  
Model 7124(UK)British plug(13A)  
Model 7125(EU)European SHUKO plug  
Model 7126(SA)South African plug

## Optional Accessory

Model 7121(Distribution board test leads)



Model 8212 Data Communication Adapter



"KEW Report" Software for report  
"KEW Report" transfer measurement data from the COMBITESTER to a PC. Print or import the data into your report. COMBITESTER are connected to a PC via an optically-isolated RS232C interface cable (Model 8212 Data Communication Adapter)

## Features

Kew CombiTester provides the ultimate in Microprocessor technology offering Loop and RCD tests with a comprehensive memory and downloading test results. LOOP Impedance 200/2000 Ohm range measurement is carried out using a test current of 15mA. This current will not trip RCD's rated at 30mA or greater. High resolution for low Loop Impedance (resolution of 0.01 Ohm) on 20 ohm range. Direct reading of Prospective Short Circuit Current (PSC) and earth fault current. RCD tests at 0 and 180 degree phase angle switch permits quick tests and consistent readings. Test of a large kind of RCD's. 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. RCD Ramp test in order to indicate the actual tripping current of RCD. Contact Voltage Reading (UC). with two selectable contact voltage limits (50 and 25v). Visual indication of correct wiring status and automatic lock-out if test resistors overheats. Designed to IEC 61010-1, IEC61557 and high protection degree IP54.

## Accessories

Moulded plug test leads(1 set)  
for Loop and RCD testing at socket

Pouch for Test Leads  
Shoulder Strap  
Battery 8 x 1.5V R6P  
Instruction Manual

## Optional Accessories

7121 Distribution board test leads(1 set)  
8212 Data Communication Adapter  
( including Software " Kew Report " )

# 3 IN 1

Loop Impedance Tester

RCD Tester

PSC Tester

# 6010A



IEC 61010-1 CAT. 300V

## Accessories

KAMP10 Moulded plug test leads(1 set)  
for Loop and RCD testing at sockets

7025 Lead for insulation and continuity testing  
Pouch for Test Leads  
Shoulder Strap, Shoulder Pad  
Battery 8 x 1.5V R6P  
Instruction Manual

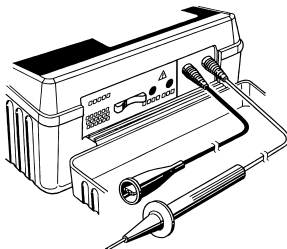
## Optional Accessories

OMA DIEC Distribution board or lighting circuit  
test leads(1 set) for LOOP and RCD testing

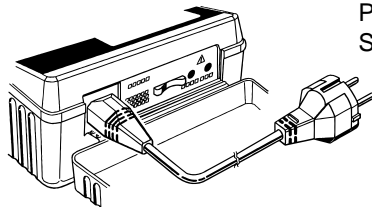
## Accessories

Continuity and Insulation Testing

LOOP and RCD Testing

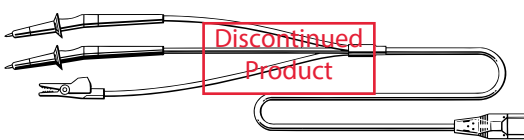


Model 7025  
(Test Leads)



KAMP10  
(Test Leads with IEC Connector)

## Optional Accessory



OMA DIEC (Model 7133)

The Model 6010A is an advanced multifunction tester that can perform all the testing required by IEC 364-6-61 with a single instrument. It can be used to test insulation resistance, continuity, loop impedance and RCDs(ELCBs), four major test requirement in the electrical testing industry. This four-in-one instrument eliminates the need to carry individual single function testers. Model 6010A is designed to IEC61010-1 and available with CE marking for EMC compliance.

## Features

### 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

200 mA 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

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 polarised type RCDs

# 4 IN 1

Continuity Tester

Insulation Tester

Loop Impedance Tester

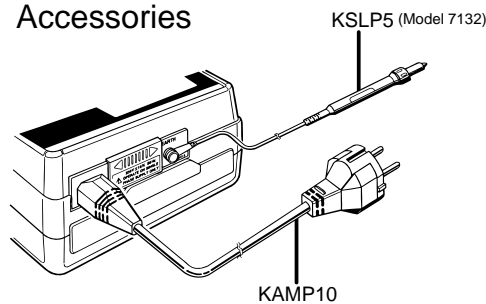
RCD Tester

# 6011A



IEC 61010-1 CAT. 300V

## Accessories



Model 7122 Test Leads



## Optional Accessory



OMA DIEC (Model 7133)

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.

It features a triple voltage insulation test at 250V, 500V and 1000V and can measure mains voltage when operating in the loop impedance and RCD testing functions. Additional features include a phase angle selector switch for RCD testing, a polarity switch for switching polarity during continuity and insulation tests and a continuity null to facilitate automatic subtraction of test lead resistance from continuity measurements.

## Features

Live circuit and wiring

connection check LED's

Triple range insulation tests

at 250, 500 and 1000V

Triple range loop and PSC tests 15mA

tests current at 200 /2000 range

(No RCD Trip)

Phase angle selection on

RCD range

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

## Accessories

KAMP10 Moulded plug test leads(1 set)  
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 8 x 1.5V LR6

Instruction Manual

## Optional Accessories

OMA DIEC Distribution board or lighting circuit  
test leads(1 set) for LOOP/PSC/RCD testing

# 5 IN 1

Continuity Tester

Insulation Tester

Loop Impedance Tester

RCD Tester

PSC Tester