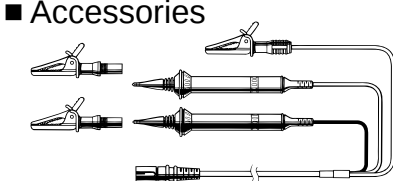


6015



IEC 61010-1 CAT. 300V

Accessories



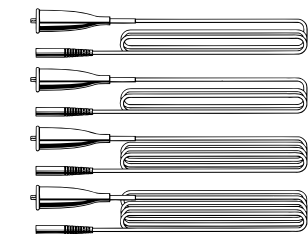
Model 7098



Model 7099



Model 7025



Model 7109

Model KSLP5 (Model 7132)

Accessories
7098 Distribution board test leads(1 set) for Loop/PSC/RCD testing
7099 Moulded plug test leads(1 set) for Loop and RCD testing at sockets
7025 Lead for insulation and continuity testing
7109 Earth resistance test leads(1 set)
KSLP5 external earth probe
8032 auxiliary earth spikes
8210 IrDA Adaptor
Durable Holdall
Accessory pouch
Battery 8 × 1.5V R6 or LR6
Instruction Manual

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 Ω) 400V + 10% - 15% (200/2000 Ω) Voltage Measuring Range 100-260V 100-440V (200/2000 Ω ,200A) Impedance Range 20/200/2000 Ω Nominal Test Current 15mA (200/2000 Ω) 3A (20 Ω) Base Accuracy 20Ω range ± (3%rdg+8dgt)200Ω range ± (3%rdg+8dgt) 2000Ω range ± (3%rdg+8dgt)
PSC 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
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
1.0-100.0V
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

Continuity Testing
Measuring Ranges 20/200Ω Autoranging Open Circuit Voltage > 4V Short Circuit Current > 200mA DC Accuracy ± (3%rdg+3dgt)
Insulation Testing
Measuring Ranges 20/200MΩ 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 Ω Nominal Test Current 24A (20 Ω range) 15mA (2000 Ω range) Accuracy 20Ω range ± (3%rdg+8dgt)200Ω range ± (3%rdg+8dgt)
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
Accuracy
Trip Current ± 3% of test current at 230V Trip time ± (3%rdg+3dgt)

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

CE Marking:signifies conformance to EMC directive (89/336/EEC, 92/31/EEC, 93/68/EEC) and Low Voltage directive (73/23/EEC, 93/68/EEC)

8205 KEW Demonstration Kit



KEW Demonstration Kit is also available from Kyoritsu to help customers with sales promotion and user training. This single unit can be used to give a demonstration of how to use the Insulation/Continuity, Loop and RCD(ELCB) testers. For more details contact the overseas sales department of KYORITSU.



Safety Warnings

Please read the " Safety Warnings " in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore,make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

The contents of this catalogue may be subject to change without notice.

DISTRIBUTOR



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Factories: Uwajima & Ehime

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6010A

Continuity Testing
Measuring Ranges 20/200/2000 Ω Autoranging Open Circuit Voltage > 4V Short Circuit Current > 200mA DC Accuracy ± (3%rdg+3dgt)
Insulation Testing
Measuring Ranges 20/200MΩ 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 Ω Nominal Test Current 24A (20 Ω range) 15mA (2000 Ω range) Accuracy 20Ω range ± (3%rdg+8dgt)200Ω range ± (3%rdg+8dgt)
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
Accuracy
Trip Current ± 3% of test current at 230V Trip time ± (3%rdg+3dgt)

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

6011A

Continuity Testing
Measuring Ranges 20/200/2000 Ω 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 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 Ω Nominal Test Current 3A(20Ω range),15mA(200Ω range),15mA(2000Ω range) Accuracy 20 Ω range ± (3%rdg+4dgt) 200 Ω range ± (3%rdg+8dgt) 2000 Ω range ± (3%rdg+4dgt)
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
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
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 Ω Autoranging Open Circuit Voltage > 6V Short Circuit Current > 200mA DC Accuracy ± (1.5%rdg+3dgt)
Insulation Testing
Measuring Ranges 20/200/2000MΩ Autoranging Test Voltages 250V,500Vand 1000V DC Output Voltage on Open Circuit 250V+20%-0% 500V+20%-0% 1000V+20%-0% Rated Current > 1mA Accuracy 0-100M Ω ± (2%rdg + 3dgt) 100M Ω ~ 2000M Ω ± (2%rdg + 4dgt)
Loop Impedance Testing
Rated Voltage:230VAC ± 10% @ 50Hz Voltage Measuring Range 100-250V AC @ 50Hz Impedance Range 20/200/2000 Ω Nominal Test Current 25A(20 Ω range) 1.2A(200 Ω range) 1.2A(2000 Ω range) Test Period 1/2 cycle(10ms) Base Accuracy 20 Ω range ± (3%rdg+5dgt)
PSC Testing
Rated Voltage 230VAC ± 10% @ 50Hz PSC Range 2000A and 20kA Accuracy PSC accuracy derived from measured loop impedance specification and measured voltage specification
RCD Testing
Rated Voltage 230VAC ± 10% @ 50Hz Trip Current Settings RCD × 1/2 : 10,30,100,300,500mA RCD × 1 : 10,30,100,300,500mA RCD × 5 : 10,30,100,300,500mA Trip Current Duration RCD × 1/2 × 1 : 2000ms RCD × 5 : 200ms fast trip 50ms
Accuracy
Trip current + 10%-0% of test current at 230V Trip time ± (2%rdg+3dgt)
Fault Current
Rated Voltage 230V AC ± 10% @ 50Hz Fault Current Ranges 2000A and 20kA Nominal Test Current 1.2A (2000A) 25A (20kA) Fault Current Accuracy Fault Current accuracy derived from measured loop impedance specification and measured voltage specification
Earth Resistance
Ranges 20 Ω 200 Ω 2000 Ω Output Voltage 70V peak to peak square wave Frequency 720Hz ± 5% Accuracy 20 Ω (± 2%rdg + 5dgt) 200/2000 Ω (± 2%rdg + 3dgt)
General Specifications
Safety Standard IEC 61010-1 CAT. 300V Pollution degree 2 Withstand Voltage 3700V AC for one minute Power Source 8 × 1.5V R6 or LR6 Dimensions 105(L) × 210(W) × 240(D)mm Weight 1924g approx including batteries

Quality and reliability is our tradition.



KYORITSU

KEW Multifunction Tester



Provide Basic, Medium & Sophisticated MFT series.

Fully meet with the needs of convenient and fast installation works.

World top-ranking MFT's with the latest standards and regulations.

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

Digital Multifunction Tester



6050

3in1



6010A

4in1



6011A

5in1



6015

10in1

6050



IEC 61010-1 CAT. 300V

Accessories

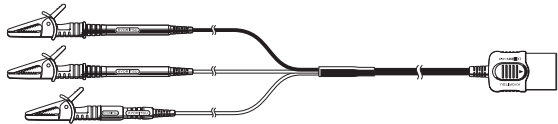
Moulded plug test leads



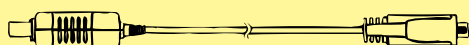
Model 7123(AU)Australian plug
Model 7124(UK)British plug(13A)
Model 7125(EU)European SHUKO plug
Model 7126(SA)South African plug

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)

KEW COMBITESTER MODEL 6050 is New Low Cost 3 in 1 MFT with Memory and Download Results to PC!

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 × 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 × 1.5V R6P
Instruction Manual

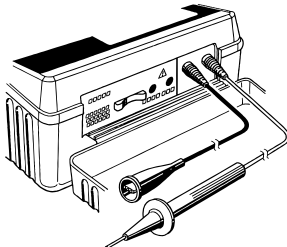
Optional Accessories

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

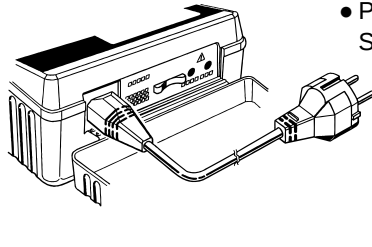
Accessories

Continuity and Insulation Testing

LOOP and RCD Testing

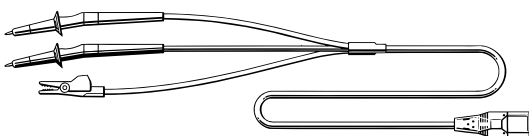


Model 7025
(Test Leads)



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

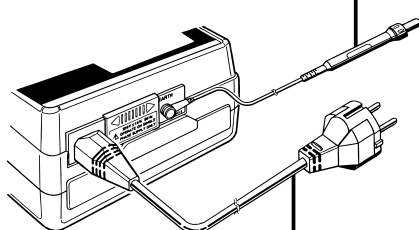
6011A



IEC 61010-1 CAT. 300V

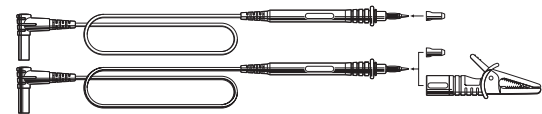
Accessories

KSLP5 (Model 7132)

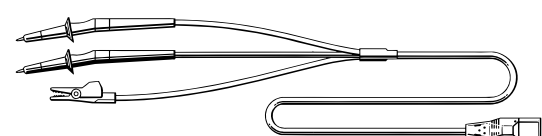


KAMP10

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 200Ω/2000Ω 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 × 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