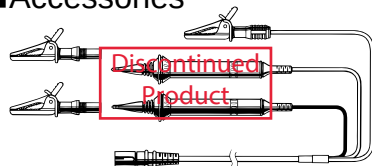


6015



IEC 61010-1 CAT.III 300V

Accessories



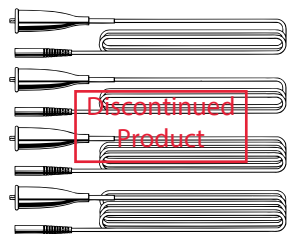
Model 7098



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	
20Ωrange±(3%rdg+8dgt)200Ωrange±(3%rdg+8dgt)	
2000Ωrange±(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 X 1/2 : 10,30,100,300,500,1000mA	
RCD X 1 : 10,30,100,300,500,1000mA	
RCD X 5 : 10,30,100mA	
RCD X DC : 10,30,100,300,500mA	
RCD X Ramp : 10,30,100,300,500mA	
Trip Current Duration	
RCD X 1/2, X 1, X DC: 1000ms	
RCD X 5,DC (500 and X 1 1000mA):200ms	
Contact Voltage Reading	
1.0-100.0V	
General Specifications	
Safety Standard IEC 61010-1 CAT.III 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 Ω Autoranging	
Open Circuit Voltage > 4V	
Short Circuit Current > 200mA DC	
Accuracy ± (3%rdg+3dgt)	
Insulation Testing	
Measuring Ranges	
20/200M Ω 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	
20Ωrange±(3%rdg+8dgt)200Ωrange±(3%rdg+8dgt)	
RCD Testing	
Rated Voltage 230V AC ± 10% @ 50Hz	
Trip Current Settings	
RCD X 1/2 : 5,15,50,150,250mA	
RCD X 1 : 10,30,100,300,500mA	
RCD fast : 150mA	
Trip Current Duration RCD X 1/2 X 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.III 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	

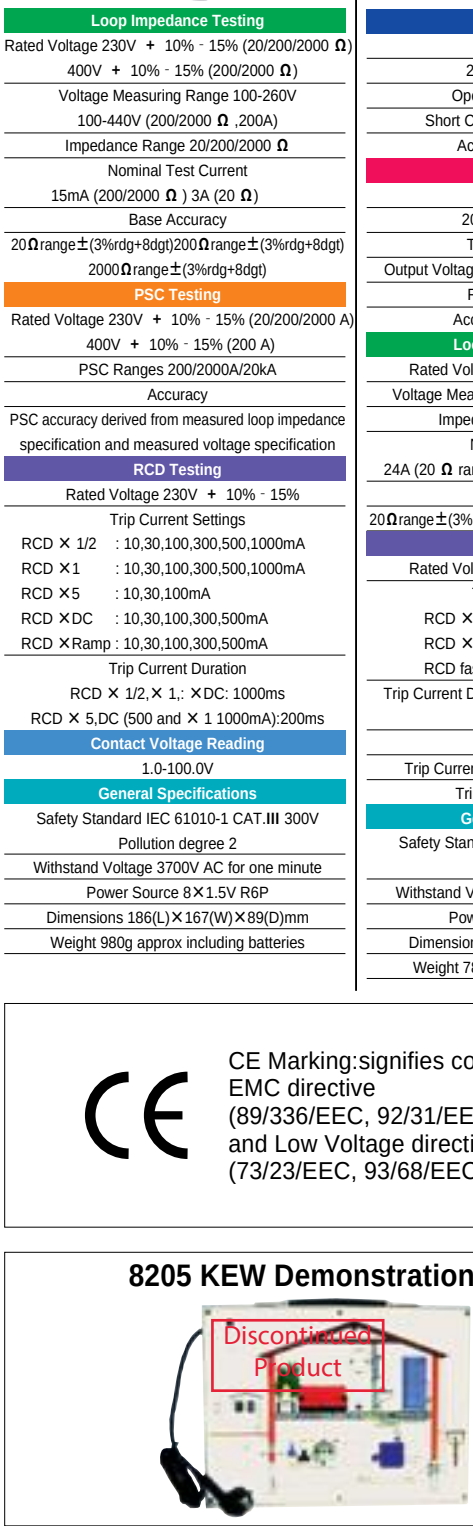
6011A

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	
20/200M Ω 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(20Ωrange),15mA(200Ωrange),15mA(2000Ωrange)	
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 X 1/2 : 10,30,100,300,500,1000mA	
RCD X 1 : 10,30,100,300,500,1000mA	
RCD X 5 : 10,30,100,300mA	
(on X 5 range max current 1A)	
Trip Current Duration RCD X 1/2 X 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.III 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	
20/200M Ω 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)	
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 X 1/2 : 10,30,100,300,500mA	
RCD X 1 : 10,30,100,300,500mA	
RCD X 5 : 10,30,100,300,500mA	
Trip Current Duration RCD X 1/2 X 1 : 2000ms	
RCD X 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.III 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	

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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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.III 300V

Accessories

Moulded plug test leads



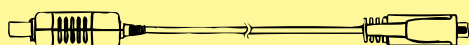
Model 7123(AU)Australian plug
Model 7124(UK)British plug(13A)
Model 7125(EU)European SHUKO plug
Model 7126(SA)South African plug

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 8X1.5V 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.III 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 8X1.5V R6P
Instruction Manual

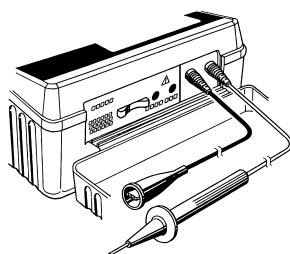
Optional Accessories

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

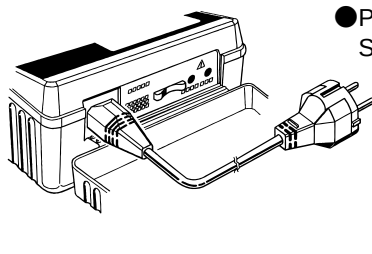
Accessories

Continuity and Insulation Testing

LOOP and RCD Testing

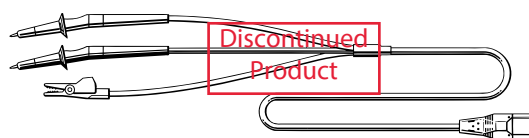


Model 7025
(Test Leads)



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

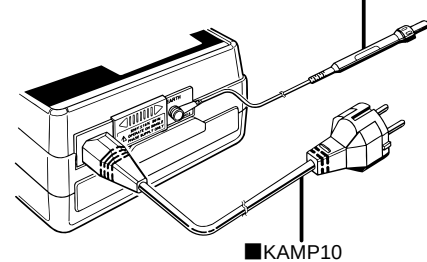
6011A



IEC 61010-1 CAT.III 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 8X1.5V 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