





FOR SAFETY MEASUREMENTS

Prior to use, to avoid an electrical shock hazard to the operator and/or damage to the instruments, read carefully the WARNINGS with the symbol  listed in 「4. SAFETY PRECAUTIONS」, 「5. MEASUREMENT PROCEDURES」 and 「6. MAINTENANCE」 of this instruction manual.

Important Symbol

 : The symbol listed in IEC 61010-1 and ISO 3864 means "Caution (refer to instruction manual)".

 **WARNING** : The symbol in this manual advises the user of an electrical shock hazard that could result in serious injury or even death.

 **CAUTION** : The symbol in this manual advises the user of an electrical shock hazard that could cause injury or material damages.

WARNING

High Power Line is very dangerous and/or lethal to measure. High Power Line sometimes includes High Surge Voltage that could possibly induce dangerous arcs of explosive short in the instrument and could result in serious injury to the operator. When measuring dangerous voltages of High Power Line or High Voltage Circuit, always place the instrument away from your body without holding it with your hands.

Do not touch the Clamp Meter, its Test Leads, or any part of the circuit while it is on.

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1. INTRODUCTION

1-1. GENERAL

CLAMPET the SK-7615/7625 series is a very compact Digital Clamp Meter that has been developed to present the easiest use/handling as a handtool. The instrument assures high accuracy and reliability in spite of its minimum size and cost.

1-2. FEATURES

1. ACCURATE AC CURRENT MEASUREMENTS

Round Clamp Head with Balance Coils assures high accuracy regardless of conductor position in Clamp Head. In addition, 2/20A AC Range is provided.

2. EASY CLAMPING ON

Two Way Clamp Head opens at the slant position and can catch a conductor quite easily.

3. EASY USE AND READING

Very compact slim body and 3.5 digit LCD with auto unit and symbol indications.

4. AUTO POWER OFF FUNCTION

Power is automatically turned off after about 15 minutes of power on condition. Battery Consumption is prevented when power-off is forgot.

5. CONTINUITY Buzzer

On Resistance Measurement Function, Continuity Check is available by buzzer less than approx. 60 Ω .

6. DIODE TEST

On Diode Test Function, Diode Test is available and judged good or bad.

7. DISPLAY HOLD

Most useful in dark places or in dangerous situations to fix reading.

1-3. UNPACKING AND INSPECTION

Before unpacking, examine the shipping carton for any sign of damage. Unpack and inspect the instrument and accessories for any damage from mechanical shock, water leakage, or other causes. If any damage or missing item is found, consult the local dealer for replacement.

Make certain that following items are included in the box.

1. Digital Clamp Meter
2. One pair of Test Leads (100-57)
3. Two 1.5V LR-44 type Batteries (installed)
4. Carrying Case
5. Instruction Manual

2. SPECIFICATIONS

2-1. GENERAL SPECIFICATIONS

1. DISPLAY :

- a. Numerical Display ; 3.5 digit LCD, Maximum reading 1999, 12mm high.
- b. Units and Symbols ; \sim , \approx , mV, V, A, M Ω , k Ω , $\rightarrow|$, $\rightarrow|$, DH, BAT, AUTO, and decimal point.

2. OPERATING PRINCIPLE : $\Sigma \Delta$ Conversion.

3. SAMPLING RATE : 3 times per second.

4. RANGE SELECTION : Auto-Ranging

5. OVERLOAD INDICATION : OL shows on 2/20A AC, 200/400A AC. Buzzer sounds when goes over DC1000V and AC750V.

6. BATTERY WARNING : "BAT" symbol shows.

7. DISPLAY HOLD : Displays are held by DH Key.

8. CONTINUITY TESTS : Buzzer sounds in case less than approx. 60 Ω on Resistance Measurement Function.

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9. OVERLOAD PROTECTION :

- AC Current ; 1000A AC for one minute.
- Voltage ; 1000V AC/DC for one minute.
- Resistance/Continuity ; 350V AC for one minute.

10. DIELECTRIC STRENGTH : 2500V AC for one minute. (between Input Terminal and the cases)

11. OPERATING TEMPERATURE & HUMIDITY :

0°C to 40°C, less than 80% RH in non-condensing.

12. STORAGE TEMPERATURE & HUMIDITY :

-20°C to 60°C, less than 70% RH in non-condensing.

13. TEMPERATURE COEFFICIENT :

When 0°C to 18°C and 28°C to 40°C, (Accuracy on condition of $23^{\circ}\text{C} \pm 5^{\circ}\text{C} \times 0.1/^{\circ}\text{C}$)

14. POWER SUPPLY : Two 1.5V (LR-44) batteries.

15. POWER CONSUMPTION : approx. 5mW (60mW for Buzzer). 30 hours continuous operation.

16. AUTO POWER OFF :

Power is automatically turned off after about 15 minutes on.

NOTE : AUTO POWER OFF, power consumption is highly saved, but it flows 10 μA .

17. CONDUCTOR DIAMETERS : SK-7615.....Maximum 26mm SK-7625.....Maximum 42mm

18. DIMENSIONS & WEIGHT :

SK-7615.....171(H) \times 72(W) \times 35(D)mm, 180g.

SK-7625.....183(H) \times 78(W) \times 35(D)mm, 210g.

19. OPTIONAL ACCESSORIES : 880 Line Separator, 940 Alligator Clips.

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2-2. MEASUREMENT SPECIFICATIONS ($23^{\circ}\text{C} \pm 5^{\circ}\text{C}$)

1-1. AC Current ($\sim\text{A}$) SK-7615

Average Rectification

	Range	Accuracy(50/60Hz)	Resolution	Max.Input Current
2/20A	2.000A	$\pm 5.0\%\text{rdg} \pm 10\text{dgt}$	1mA	20A rms
	20.00A	$\pm 2.0\%\text{rdg} \pm 7\text{dgt}$	10mA	
200/400A	200.0A	$\pm 1.5\%\text{rdg} \pm 7\text{dgt}$	100mA	400A rms (600V Line)
	400A		1 A	

1-2. AC Current ($\sim\text{A}$) SK-7625

Average Rectification

	Range	Accuracy(50/60Hz)	Resolution	Max.Input Current
2/20A	2.000A	$\pm 5.0\%\text{rdg} \pm 10\text{dgt}$	1mA	20A rms
	20.00A	$\pm 2.0\%\text{rdg} \pm 7\text{dgt}$	10mA	
200/600A	200.0A	$\pm 1.5\%\text{rdg} \pm 7\text{dgt}$	100mA	600A rms (600V Line)
	600A		1 A	

* Range Selection : 2 Range Automatic

* Overload Protection : 1000A rms for 1minute

2-1. AC Voltage ($\sim\text{V}$)

Average Rectification

Range		Accuracy	Resolution	Input Resistance	Max. Allowance
2.000V	±1.0%rdg±5dgt (40~400Hz)	1mV	≐11MΩ	600V rms	
20.00V		10mV			
200.0V		100mV			
600V		1V			

* Overload Protection : 1000V rms for 1minute

2-2. DC Voltage (---V)

Range	Accuracy	Resolution	Internal Resistance	Max. Allowance
200.0mV	$\pm 0.5\% \text{rdg} \pm 2 \text{dgt}$	0.1mV	$\approx 100 \text{M}\Omega$	600V DC
2.000V	$\pm 0.8\% \text{rdg} \pm 2 \text{dgt}$	1mV	$\approx 11 \text{M}\Omega$	
20.00V		10mV	$\approx 10 \text{M}\Omega$	
200.0V		100mV		
600V	$\pm 1.0\% \text{rdg} \pm 2 \text{dgt}$	1 V		

* Overload Protection : 1000V DC for 1minute

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3. Resistance (Ω)

Range	Accuracy	Resolution	Measurement Current	Open circuit Voltage
200.0 Ω	$\pm 1.5\%rdg \pm 5dgt$	0.1 Ω	$\leq 0.3\text{ mA}$	$\approx 0.4V$
2.000k Ω		1 Ω	$\leq 40\text{ }\mu A$	
20.00k Ω		10 Ω	$\leq 4\text{ }\mu A$	
200.0k Ω		100 Ω	$\leq 0.4\text{ }\mu A$	
2.000M Ω	$\pm 3.0\%rdg \pm 5dgt$	1k Ω	$\leq 40\text{ nA}$	
20.00M Ω	$\pm 5.0\%rdg \pm 5dgt$	10k Ω		

* Overload Protection : 350V rms for 1minute

* DH Function : Not available

4. Diode Tests (\rightarrow)

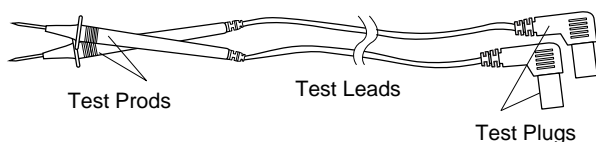
Range	Accuracy	Open Circuit Voltage	Test Current
1.000V	$\pm 5.0\%\text{rdg} \pm 3\text{dgt}$	$\leq 1.7\text{V}$	$\leq 0.7\text{mA}$

* Overload Protection : 350V rms for 1minute

5. Continuity Tests ($\cdot\cdot\cdot$)

Range	Buzzer Sound	Response Time	Open circuit Voltage	Overload Protection
200.0 Ω	$\approx 60\text{ }\Omega$ less	$\approx 1\text{m sec}$	$\approx 0.44\text{V}$	350V rms for 1minute

3. NAME ILLUSTRATION



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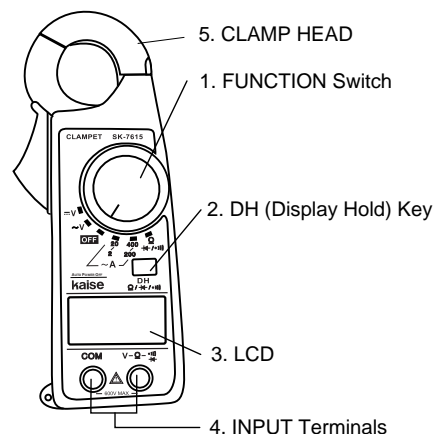


fig.1

1. FUNCTION Switch

Power and Functions are selected easily by a Single-deck Rotary Switch. Set FUNCTION Switch to select $\sim\text{V}$ (AC. V), $\sim\text{A}$ (AC. A), Ω / \rightarrow / $\cdot\cdot\cdot$ (Resistance, Diode and Continuity Tests).

Do NOT fail to set FUNCTION Switch to OFF position after measurements.

If POWER OFF is failed, power turns off automatically after about 15 minutes.

2. DH (Display Hold) Key (Ω / \rightarrow / $\cdot\cdot\cdot$) Key

2-1. DH (Display Hold) Key

Except the measurements(resistance, diode, continuity), press DH Key one time, DH symbol turn on and the display is fixed. To cancel this Key, press it once again.

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2-2. Ω / \rightarrow / \rightarrow / \rightarrow Key : Ω / \rightarrow / \rightarrow / \rightarrow Selection

When measuring Resistance, Diode or Continuity, press this Key 0 to 2 times (for less than 0.5 seconds) to select a necessary function.

NOTE : As this Key is common with DH Key, DH Key doesn't work when measuring these 3 functions.

3. LCD

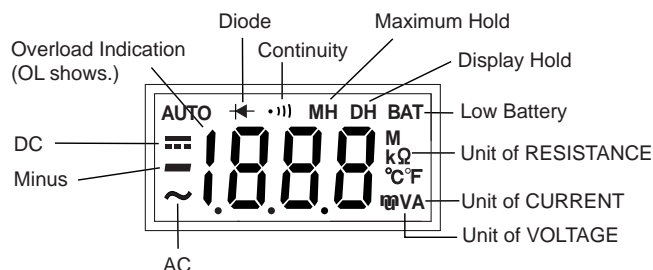


fig.2

4. INPUT Terminals

Insert Test Plugs of Test Leads to COM and V- Ω / \rightarrow / \rightarrow / \rightarrow Terminals when measuring Voltage, Resistance, Diode or Continuity.

5. CLAMP HEAD

When measuring AC current, just clamp a single conductor to be tested into CLAMP HEAD.

NOTE : If two or three conductors are clamped into CLAMP HEAD at a time, the measurement becomes impossible.

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4. SAFETY PRECAUTIONS

Correct knowledge about electric measurements is necessary because electric measurement is sometimes a very dangerous work. To eliminate possibility of injury to the operator and damage to the instrument, the following precautions and measurement procedures must be taken. Misuse, abuse and carelessness cannot be prevented by any written word and is fully the operator's responsibility. Observing the following precautions, take safe measurements.

4-1. WARNINGS

⚠ WARNING 1. Checks of Body and Test Leads

Before every measurement, do not fail to confirm that Body of this instrument and handle insulators of the attached Test Leads have no cracks nor any other damage on them. Make sure that the body and the handle insulators are free of dust, grease and moisture.

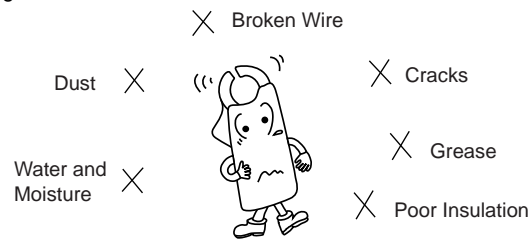


fig.3

⚠ WARNING 2. Warning for High Power Line Measurements

High Power Lines (High Energy Circuits) such as Distribution Transformers, Bus Bars, Large Motors, etc. are very dangerous. High Power Line sometimes includes High Surge Voltage that could induce explosive short in the instrument and could result in shock hazard. When measuring voltage of High Power Line, do not touch the Clamp Meter, its Test Leads or any part of the Circuit while it is on.

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⚠ WARNING 3. Warning for High Voltage Measurements

Even if with Low Energy Circuits of electric/electronic appliances, heating elements, small motors, line cords and plugs, etc., High Voltage Measurements are very dangerous. Do not touch the Clamp Meter, its Test Leads or any part of the Circuit while it is on. Generally, shock hazard shall be considered to exist at any part involving a potential in excess of 30V rms or 42.4V DC or peak and where a leakage current from that part to ground exceeds 0.5mA.

⚠ WARNING 4. Dangerous Voltage Measurement Procedure

Always observe strictly the following measurement procedure when measuring dangerous voltage.

1. Before measurement, turn off power to the circuit to be measured.
2. Insert Black Test Plug of Test Leads into COM Terminal and Red Test Plug of Test Leads into V Terminal.
3. Attach Black and Red Alligator Clips (optional) to both Test Prods of Test Leads.
4. Set FUNCTION Switch to $\sim V$ or $\equiv V$ position.
5. Confirm that the power of the circuit to be measured is OFF. Then, connect Black Alligator Clip to - (earth) side and Red Alligator Clip to + (positive) side of the circuit to be measured.
6. Place the instrument away from your body, and do not touch it with your hands. Also, take safety distance from the power source or the circuit to prevent any part of your body from touching dangerous voltage.
7. Turn on power to the circuit to be measured and read the voltage on LCD.
8. When the measurement is finished, turn off power to the circuit to be measured and discharge all capacitors in the circuit.

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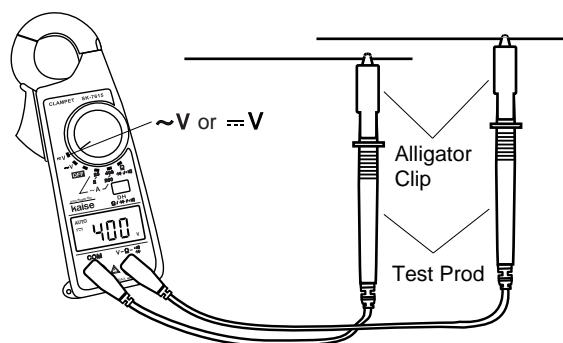


fig.4

9. Disconnect Alligator Clips of Test Prods from the circuit.

In case you want to measure live line, observe following procedure.

1. Place the instrument away from your body.
2. Set FUNCTION Switch to $\sim V$ or $\equiv V$ position.
3. Take safety distance from the power or the circuit to be measured to prevent any part of your body from touching dangerous voltage.
4. Attach Black Alligator Clip to Black Test Prod. Then, connect Black Alligator Clip to - (earth) side of the circuit to be measured.
5. Hold Red Test Prod with one hand and connect it to + (positive) side of the circuit to be measured.
6. Read the voltage on LCD. Refer to the figure 5.

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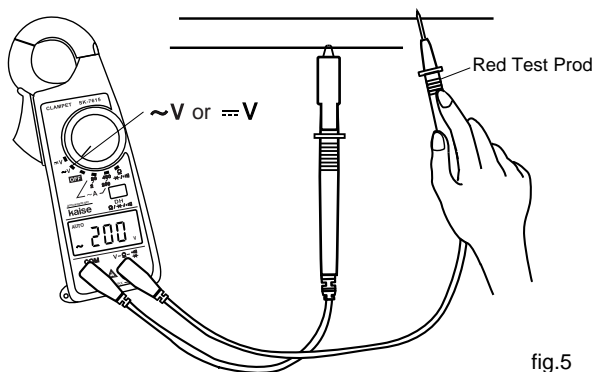


fig.5

7. When the measurement is finished, disconnect Red Test Prod from the circuit and then disconnect Black Alligator Clip from the circuit.

WARNING 5. Correct Selection of FUNCTION Switch

When taking measurements, always confirm that FUNCTION Switch is set to correct position. Do not measure voltage on Ω / \cdot / \rightarrow position.

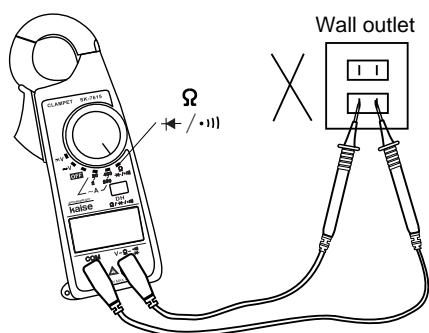


fig.6

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Avoid severe mechanical shock or vibration.

fig.7

5. MEASUREMENT PROCEDURES

5-1. PREPARATION FOR USE

1. INSTRUCTION MANUAL

Prior to use, read INSTRUCTION MANUAL carefully and acquaint yourself with the specifications and functions of the instrument. Especially, read and observe strictly the 「4. SAFETY PRECAUTIONS」.

2. BATTERIES

Two 1.5V LR-44 batteries are installed in this instrument. Before placing the Clamp Meter into use, open Battery Case Lid and confirm that the batteries are installed properly. Refer to 「6-2. BATTERY REPLACEMENT」 on page 22.

3. TEST LEADS

- One pair of Test Leads which consists of a Red Test Lead and a Black Test Lead is furnished with this instrument.
- Each Test Lead consists of one Test Plug of a short insulator and one Test Prod of a long handle insulator.

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WARNING 6. Maximum Input Observance

Do not attempt to measure voltage or current that might exceed the specified maximum input of the range being used.

WARNING 7. Test Leads Disconnection.

Prior to changing FUNCTION Switch to another position when measuring, or opening Battery Case Lid for replacement of batteries, always disconnect Test Leads from the circuit being measured.

4-2. GENERAL WARNINGS AND CAUTIONS

WARNING 1. Do not let the children use the instrument or those people who are unable to recognize the dangers of electric measurements.

WARNING 2. Do not make electric measurements in a naked or barefooted state. This will give electric shock hazard to the operator.

WARNING 3. The points of Test Prods are sharp and dangerous. Do not get hurt with them.

CAUTION 1. Do not polish the meter case, or attempt to clean it with any cleaning fluid, gasoline, benzene, etc. If necessary, use silicon oil or antistatic fluid.

CAUTION 2. Avoid severe mechanical shock or vibration, extreme temperature or very strong magnetic field.

CAUTION 3. Remove the batteries when not in use for an extended time since the exhausted batteries might leak electrolyte and corrode the internal components.

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- The Test Plugs fit in the Terminals on the lower side of the case and the Test Prods are used to make contact with the circuit to be measured.

It is good practice to use Black Test Lead for —COM Terminal (— polarity) and Red Test Lead for + Terminal (+ polarity).

4. OVERLOAD INDICATION

In case the input is greater than 20A on 20A function, OL shows, and the input is greater than 750VAC on \sim V function or greater than 1000V DC on $=$ V function, buzzer sounds.

WARNING

Do not attempt to make any measurements that might exceed the maximum value of the function being used to avoid electrical shock hazard and/or damage to the instrument.
Nor buzzer sounds when measuring on Voltage, or Current function.

5. AUTO POWER OFF

After about 15 minutes of last operation of FUNCTION Switch, power turns off automatically (goes down in sleep condition and 10 μ A consumption) with LCD display off. This function prevents battery consumption when power off is forgotten.

6. FUNCTION SELECTION

Set FUNCTION Switch to a desired position, and set it to OFF position when measurements are finished.

7. SYMBOL MARK

The following symbols shown on the instrument and in the instruction manual are listed in IEC 61010-1 and ISO 3864.

- : Caution (refer to instruction manual).
- \rightarrow : Direct Current (DC)
- \sim : Alternating Current (AC)

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- \sim : DC and AC
 \perp : Earth (Ground)
 \square : Double Insulation

5-2. AC CURRENT ($\sim A$) MEASUREMENTS

⚠ WARNING

Maximum Voltage of AC Current Line is 600V AC. Do not attempt to make any current measurements that might exceed the Maximum Input Current of the function being used. Prior to measurements, read carefully 「4. SAFETY PRECAUTIONS」 of this instruction manual to avoid electrical shock hazard and/or damage to the instrument.

1. Set FUNCTION Switch to a desired $\sim A$ position. In case the current to be measured is unknown, select 200/400A (SK-7615) or 200/600A (SK-7625) position.

⚠ WARNING

Test Leads are not required for Current Measurements. For safety measurements, remove Test Leads from INPUT Terminals. Do not touch any part of the Power Line or the Circuit while it is on.

2. Open CLAMP HEAD and clamp on a single conductor.
NOTE : If two or three conductors are clamped on at a time, the measurement cannot be made.
3. Read the current on LCD.
4. Display Hold : Press DH Key once and the display is held with DH sign shown on LCD. To cancel Display Hold, press it again.

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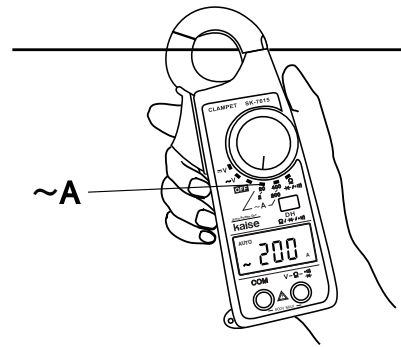


fig.8

5. When measurements are finished, remove CLAMP HEAD from the conductor and set FUNCTION Switch to OFF position.

5-3. AC/DC VOLTAGE ($\sim V / \equiv V$) MEASUREMENTS

⚠ WARNING

Maximum Input Voltage of $\sim V$ range is 600V AC/DC. Do not attempt to measure voltage that might exceed 600V AC/DC. Prior to measurements, read carefully 「4. SAFETY PRECAUTIONS」 of this instruction manual to avoid electrical shock hazard and/or damage to the instrument.

1. Insert Black Test Plug into COM Terminal and Red Test Plug into V- Ω - $\frac{1}{2}$ Terminal.
2. Set FUNCTION Switch to $\sim V$ or $\equiv V$ position.
3. Connect Black Test Prod to the negative (earth) side of the circuit being measured and Red Test Prod to the positive (high potential) side of the circuit.

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NOTE : When taking voltage measurements, always connect the instrument **IN PARALLEL** with the circuit being measured.

⚠ WARNING

When measuring dangerous voltage more than 220V, turn off power to the circuit to be measured and connect Test Prods to the circuit using Alligator Clips. Do not touch the Clamp Meter, its Test Leads or any part of the Circuit while it is on. Refer to 「WARNING 4. Dangerous Voltage Measurement Procedure」 on page 10.

4. Read the voltage on LCD.
5. Display Hold : Press DH Key once and the display is held with DH sign shown on LCD. To cancel Display Hold, press it again.
6. When measurements are finished, remove Test Prods from the circuit and set FUNCTION Switch to OFF position.

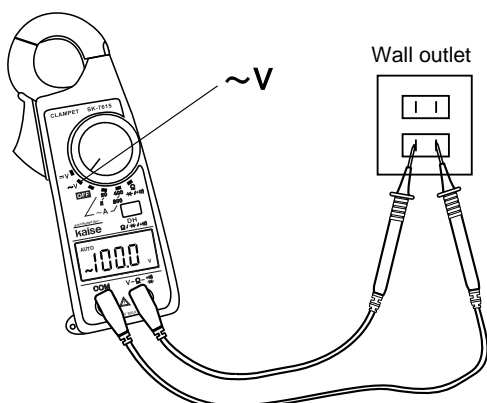


fig.9

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5-4. RESISTANCE (Ω) MEASUREMENTS

⚠ WARNING

Do not measure Voltage on Ω position. This will cause shock hazard to the operator and damage to the instrument. In case in-circuit resistance is measured or continuity test is made, turn off power to the circuit being measured and discharge all capacitors in the circuit. Prior to measurements, read carefully 「4. SAFETY PRECAUTIONS」 of this instruction manual.

1. Insert Black Test Plug into COM Terminal and Red Test Plug into V- Ω - $\frac{1}{2}$ Terminal.
2. Set FUNCTION Switch to Ω / $\frac{1}{2}$ / $\frac{1}{2}$ position.
3. If the resistor to be measured is connected in a circuit, turn off power to the circuit and discharge all capacitors in the circuit.
4. Open one side of the resistor to be measured and connect Test Prods to both sides of the resistor (or circuit).
5. Read the resistance on LCD.
6. When measurements are finished, remove Test Prods from the resistor (circuit) and set FUNCTION Switch to OFF position. Then restore the circuit as it was.

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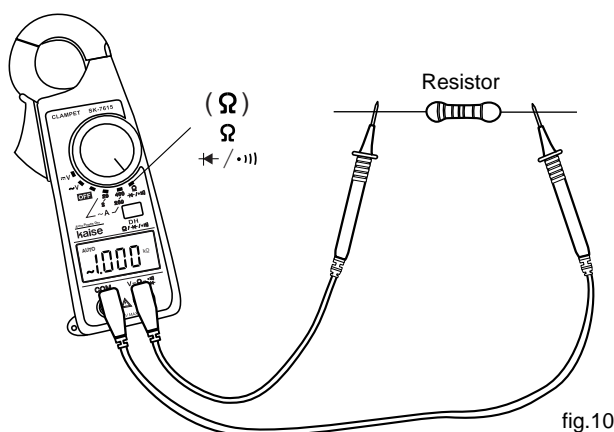


fig.10

5-5. DIODE (\rightarrow) TESTS

⚠ WARNING

Do not measure Voltage on Ω / \rightarrow / \cdot position. If the diode is connected in a circuit, turn off power to the circuit and discharge all capacitors in the circuit. Disconnect one side of the diode and test it.

1. Insert Black Test Plug into COM Terminal and Red Test Plug into V- Ω - \rightarrow Terminal.
2. Set FUNCTION Switch to Ω / \rightarrow / \cdot position.
3. Press Ω / \rightarrow / \cdot Key 1 time to select \rightarrow .
 \rightarrow symbol appears on LCD.
4. If the diode is connected in a circuit, turn off power to the circuit and disconnect one side of diode from the circuit.
5. Connect Black Test Prod to Anode and Red Test Prod to Cathode of the diode being measured. This is Reverse Connection. Confirm that the LCD displays OL symbol.

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6. Reverse Test Prod connection to the diode being tested. This is Forward Connection. In case of Silicon diodes, LCD displays 0.4V to 0.7V, Germanium diodes, 0.1V to 0.4V, and the diodes are judged good.
7. When measurements are finished, remove Test Prods from the diode and set FUNCTION Switch to OFF position.

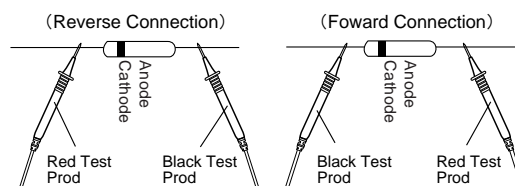


fig.11

5-6. CONTINUITY (\cdot) TESTS

⚠ WARNING

Do not measure Voltage on Ω / \rightarrow / \cdot position. This will cause electrical shock hazard to the operator and/or damage to the instrument. In case continuity test is made, turn off power to the circuit being measured and discharge all capacitors in the circuit.

1. Insert Black Test Plug into COM Terminal and Red Test Plug into V- Ω - \cdot Terminal.
2. Set FUNCTION Switch to Ω / \rightarrow / \cdot position.
3. Press Ω / \rightarrow / \cdot Key 2 times.
 \cdot symbol appears on LCD.
4. Turn off power to the circuit and discharge all capacitors in the circuit.
5. Connect Test Prods of Clamp Meter to the circuit to be tested. Buzzer sounds when the resistance value is less than approx.60 Ω .
6. When measurements are finished, remove Test Prods from the circuit and set FUNCTION Switch to OFF position.

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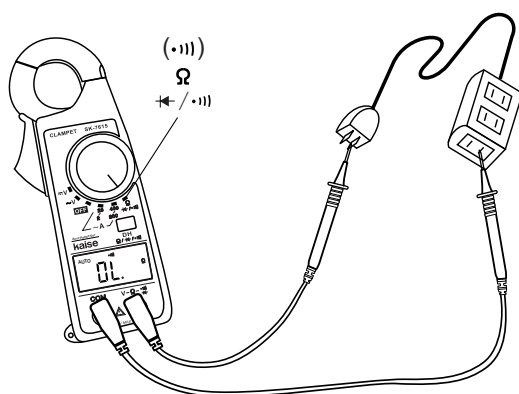


fig.12

6. MAINTENANCE

6-1. WARRANTY STATEMENT

The warranty statement for the Clamp Meter is printed on the last page of the manual. Read it carefully before requesting a warranty repair.

6-2. BATTERY REPLACEMENT

⚠ WARNING

Remove both Test Leads from external circuit connections and from the Input Terminals before removing Battery Case Lid to replace the batteries.

1. If the batteries are consumed and BAT sign is shown on LCD, replace the batteries.
2. Remove both Test Leads from the circuit and from the Terminals.
3. Set FUNCTION Switch to OFF position.

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4. Push on the \triangle mark and slide off Battery Case Lid.
5. Replace the consumed batteries with fresh ones, 1.5V LR-44 type.
6. Replace Battery Case Lid. Refer to the figure 13.

NOTE : Place the batteries in the correct polarity.

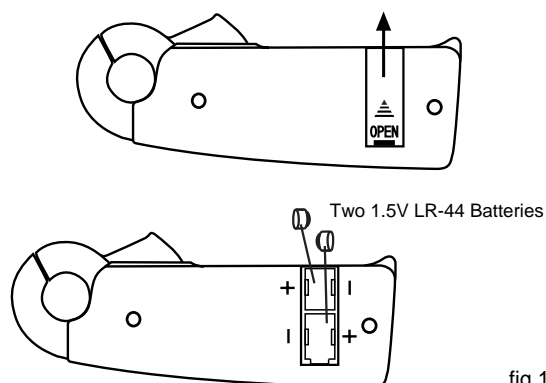


fig.13

6-3. PERIODICAL CHECK AND CALIBRATION

Periodical check and calibration are necessary to make safety measurements as well as to maintain the specifications described on page 3 to 6.

It is recommended that the instrument may be checked and calibrated once each year and/or after it is repaired. Periodical Check and Calibration services are available at KAISE AUTHORIZED SERVICE AGENCY through your local dealer at a cost basis charge.

Pack the instrument securely in its original carton together with descriptions of your name, address, telephone number and the service required, and ship prepaid to your local dealer.

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6-4. REPAIR

Repair service, warranty or non-warranty, is available at KAISE AUTHORIZED SERVICE AGENCY through your local dealer. Warranty repair is executed free of charge, but, non-warranty repair is charged on the cost basis.

Pack the instrument securely in its original carton together with descriptions of your name, address, telephone number, problem encountered and the service required, and ship prepaid to your local dealer.

When the instrument does not operate properly, the following steps should be taken before returning the instrument for repair, warranty or non-warranty.

1. Check the battery connection.
2. Check the batteries if they are installed in the correct polarity.
3. Check the batteries if they are alive and usable.
4. Make sure that FUNCTION Switch is set to correct position.
5. Make sure that the body of this instrument and the handle insulators of the Test Leads have no cracks nor any other damage on them.
6. Be careful of noise from the equipment under test or the ambient environment in which the instrument is being used. The instrument is fully shielded against noise, but may read error due to very strong noise.

WARRANTY

The Clamp Meter, SK-7615 or SK-7625 is warranted in its entirety against any defects of material or workmanship under normal use and service within one year after the date of purchase of the instrument by the original purchaser. This warranty is extended by **KAISE AUTHORIZED DEALER** only to original purchaser or original user of the instrument on condition that the Warranty Registration Card is completed and returned to the authorized dealer within two weeks after the purchase of the instrument new from the dealer. The obligation under this warranty to be executed by **KAISE AUTHORIZED DEALER** is limited to repairing or replacing the Clamp Meter SK-7615 or SK-7625 returned intact to it, with transportation charge prepaid, and which to its satisfaction is judged by it to have been thus defective. **KAISE AUTHORIZED DEALER** and **KAISE CORPORATION**, the manufacturer shall not otherwise be liable for any damages or loss, consequential or otherwise. The foregoing warranty is exclusive and in lieu of all other warranties including any warranty of merchantability, whether expressed or implied.

This warranty shall not apply to any instrument or other article of equipment which shall have been repaired or altered outside **KAISE AUTHORIZED SERVICE AGENCY**, nor which has been subject to misuse, negligence or accident, incorrect wiring by users, or installation or use not in accord with instructions furnished by the manufacturer.

KAISE AUTHORIZED DEALER

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INSTRUCTION MANUAL

DIGITAL CLAMP METER CLAMPET

**MODEL SK—7615
 SK—7625**

KAISE CORPORATION

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