

Continuity Test



Insulation Resistance

Frequency



AC Current



Diode Test



Capacitance

Temperature



DC Current

Resistance



DC Voltage



Note the following WARNINGS and CAUTIONS when using Electric / Electronic Measuring Instruments.

1 Safety Symbols



Caution Symbol on the instrument indicates that the user should read carefully the operating instructions in the manual.



High Voltage Warning Symbol on the instrument indicates that a potential of 1000V or more high voltage may be present on the Terminals. The user should use extreme care about safety practices.



Maximum Allowable Ground Voltage Symbol on the instrument indicates that the maximum voltage between INPUT Terminals and Earth Ground is 500V in this case. The user must not apply any voltage that will exceed the maximum voltage.

2 Warnings for High Power Line and High Voltage Measurements

The ordinary multimeters, analog or digital, are provided with maximum range of 500V to 1000V AC and DC. But, most of them are designed to measure Low Power Circuits such as TVs, Radios and home electrical apparatus.

Therefore, to measure High Power Circuits or High Power Line more than 220V, such as Power Supplies for Factory Equipments and Facilities, etc., do NOT use any ordinary multimeters. Use the instruments especially designed for High Power Line.

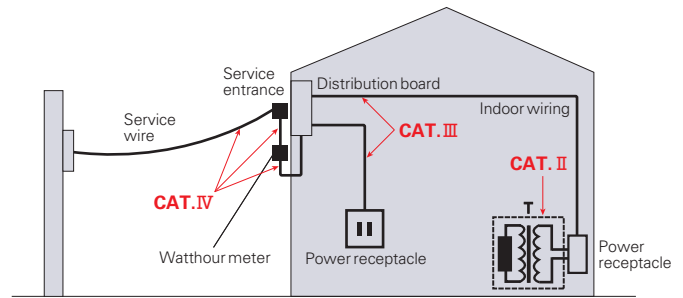
High Power Line sometimes includes Surge Voltage more than 10 times of the rated voltage. So, the Surge Voltage will cause electric shock accidents when measuring with the ordinary multimeters. Even if the circuit to be measured is of Low Power, if the voltage is greater than 220V, use the instruments with great care observing warnings and cautions written in the instruction manuals concerned.

For Safety

The International Safety Standard IEC61010

To ensure safe operation of measurement products, IEC 61010 establishes safety standards for various electrical environments, categorized as CAT II to CAT IV, and called measurement categories. These are defined as follows.

- CAT. II** Primary electrical circuits in equipment connected to an AC electrical outlet by a power cord (portable tools, household appliances, etc)
- CAT. III** Primary electrical circuits of heavy equipment (fixed installations) connected directly to the distribution panel, and feeders from the distribution panel to outlets.
- CAT. IV** The circuit from the service drop to the service entrance, and to the power meter and primary over current protection device (distribution panel).



Higher-numbered categories correspond to electrical environments with greater momentary energy, so a measurement product designed for CAT III environments can endure greater momentary energy than one designed for CAT II. Using a measurement product in an environment designated with a higher-numbered category than that for which the product is rated could result in a severe accident, and must be carefully avoided.

Never use a CAT II measuring product in CAT III, or IV environments.

The measurement categories comply with the Overvoltage Categories of the IEC 60664 Standards.

Insulation Cap for Test Lead	Kaise conforms to IEC 61010-031 (safety standard for hand-held probes) by using test lead caps.	No Cap attached	Cap attached
	Required standards : Exposed metal part must be 4mm or shorter for CAT IV and III environments to prevent short-circuits from occurring.	 For CAT II environment	 For CAT III and IV environments

CE Mark

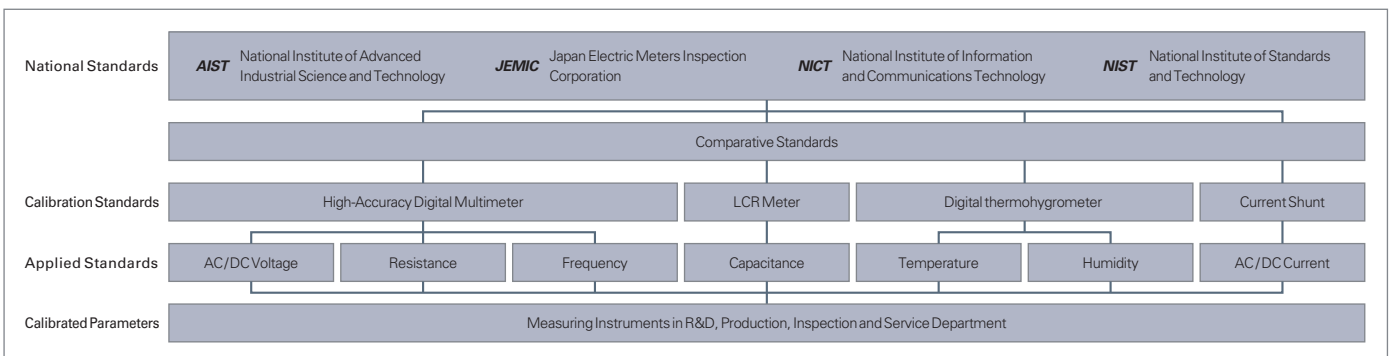


CE marking is a safety mark which can be attached only on a product meeting the safety requirements of the Directive of Council of the European Union (EC Directive).





A product attached with the CE mark is designed so as to meet the requirements of the "Low Voltage Directive" and "EMC Directive" of the EC Directive. Low Voltage Directive: This Directive covers products of power supply voltage of 50V-1000V(AC) and 75V-1500V(DC), and it defines electric safety requirements against shocks, burns, etc. The applicable standard is EN61010 corresponding to IEC1010 give on the left. EMC Directive: This Directive stipulates conditions so as not to give out strong electromagnetic waves from equipment to the outer environment and to protect equipment from the effect of electromagnetic waves from the outside.

Traceability Chart

Traceability to prove the compliance with national and international standards is an essential factor for measuring instruments used as test instruments associated with quality assurance. Products of Kaise are calibrated by reference samples which is periodically checked for its compliance with national standards. A calibration certificate and test data report are available on your request.








Clamp Meters Index

	AC / DC Digital Clamp Meters			
				
Model	SK-7660	SK-7661	SK-7682	SK-7718
Display Counts	4000	4000	4000	4000
Conductor Diameter	φ 27mm	φ 27mm	φ 19mm	φ 35mm
DC Current	40A	40A	40A	400A
	400A	400A	400A	1000A
	—	—	—	—
AC Current	40A	40A	40A	400A
	400A	400A	400A	1000A
	—	—	—	—
	—	—	—	—
DC Voltage	400mV	400mV	400mV	400mV
	4V	4V	4V	4V
	40V	40V	40V	40V
	400V	400V	400V	400V
	600V	600V	600V	600V
AC Voltage	4V	4V	4V	4V
	40V	40V	40V	40V
	400V	400V	400V	400V
	600V	600V	600V	600V
Resistance	400Ω	400Ω	—	400Ω
	4kΩ	4kΩ	—	4kΩ
	40kΩ	40kΩ	—	40kΩ
	400kΩ	400kΩ	—	400kΩ
	4MΩ	4MΩ	—	4MΩ
	40MΩ	40MΩ	—	40MΩ
Frequency	●	●	●	●
Duty Cycle	●	●	●	●
Pulse Width	—	—	—	—
Continuity Test	●	●	—	●
Diode Test	●	●	—	●
Capacitance	●	●	—	●
Temperature	—	—	—	—
True RMS	●	—	●	●
Auto Ranging	●	●	●	●
Manual Ranging	—	—	—	—
MAX / MIN	—	●	●	●
Average	—	—	—	—
Peak Hold	●	—	●	●
Range Hold	—	—	—	—
Difference	●	●	●	●
Display Hold	●	●	●	●
Power-On Initialize	●*1	●*1	●*1	●*1
Comparator	—	—	—	—
Low Pass Filter	—	—	—	—
Output Terminal	—	—	—	—
External Power Supply	—	—	—	—
Dust Proof & Simple Water Resistant	—	—	—	●
Auto Power Save (Off)	●	●	●	●

*1 : for DC Current measurement

Clamp Meters Index

	AC / DC Digital Clamp Meters			AC Digital Clamp Meters	
					
Model	SK-7720	SK-7722	SK-7708	SK-7601	SK-7602
Display Counts	4000	4000	4000	4000	4000
Conductor Diameter	φ 36mm	φ 36mm	φ 55mm	φ 27mm	φ 27mm
DC Current	400A	400A	400A	—	—
	1000A	1000A	2000A	—	—
	—	—	—	—	—
AC Current	400A	400A	400A	40A	40A
	1000A	1000A	2000A	300A	400A
	—	—	—	—	—
	—	—	—	—	—
DC Voltage	400V	40V	400mV	—	400mV
	650V	250V	4V	—	4V
	—	—	40V	—	40V
	—	—	400V	—	400V
	—	—	600V	—	600V
AC Voltage	400V	40V	4V	—	4V
	650V	250V	40V	—	40V
	—	—	400V	—	400V
	—	—	600V	—	600V
Resistance	4000Ω	4000Ω	400Ω	—	400Ω
	20kΩ	20kΩ	4kΩ	—	4kΩ
	—	—	40kΩ	—	40kΩ
	—	—	400kΩ	—	400kΩ
	—	—	4MΩ	—	4MΩ
	—	—	40MΩ	—	40MΩ
Frequency	●	●	●	—	●
Duty Cycle	●	●	●	—	●
Pulse Width	●	●	—	—	—
Continuity Test	—	—	●	—	●
Diode Test	—	—	●	—	●
Capacitance	—	—	●	—	●
Temperature	●	●	—	—	—
True RMS	●	●	●	—	●
Auto Ranging	●	●	●	●	●
Manual Ranging	—	—	●	—	—
MAX / MIN	●	●	●	—	●
Average	—	—	—	—	—
Peak Hold	●	●	●	—	—
Range Hold	—	—	●	—	—
Difference	●	●	●	—	●
Display Hold	●	●	●	●	●
Power-On Initialize	—	—	●*1	—	—
Comparator	—	—	—	—	—
Low Pass Filter	—	—	—	—	—
Output Terminal	—	●	—	—	—
External Power Supply	—	●	—	—	—
Dust Proof & Simple Water Resistant	●	●	●	—	—
Auto Power Save (Off)	—	—	●	●	●

*1 : for DC Current measurement

Clamp Meters

Insulation Testers/Earth Tester

Digital Multimeters






Analog Multimeters

Automotive Testers

Other Testers

Accessories

Clamp Meters Index

	AC Digital Clamp Meters			AC Leakage Clamp Meters	
					
Model	SK-7615	SK-7625	SK-7815	SK-7820	SK-7825
Display Counts	2000	2000	3200	4000	4000
Conductor Diameter	φ 26mm	φ 42mm	φ 30mm	φ 24mm	φ 40mm
DC Current	—	—	—	—	—
AC Current	2A	2A	30mA	40mA	40mA
	20A	20A	300mA	400mA	400mA
	200A	200A	30A	40A	40A
	400A	600A	60A	100A	100A
DC Voltage	200mV	200mV	—	—	—
	2V	2V	—	—	—
	20V	20V	—	—	—
	200V	200V	—	—	—
	600V	600V	—	—	—
AC Voltage	2V	2V	300V	400V	400V
	20V	20V	600V	600V	600V
	200V	200V	—	—	—
	600V	600V	—	—	—
Resistance	200Ω	200Ω	—	—	—
	2kΩ	2kΩ	—	—	—
	20kΩ	20kΩ	—	—	—
	200kΩ	200kΩ	—	—	—
	2MΩ	2MΩ	—	—	—
	20MΩ	20MΩ	—	—	—
Frequency	—	—	—	—	—
Duty Cycle	—	—	—	—	—
Pulse Width	—	—	—	—	—
Continuity Test	●	●	—	—	—
Diode Test	●	●	—	—	—
Capacitance	—	—	—	—	—
Temperature	—	—	—	—	—
True RMS	—	—	—	—	—
Auto Ranging	●*2	●*2	●	●*3	●*3
Manual Ranging	—	—	—	—	—
MAX / MIN	—	—	●	—	—
Average	—	—	—	—	—
Peak Hold	—	—	—	—	—
Range Hold	—	—	—	—	—
Difference	—	—	—	—	—
Display Hold	●	●	●	●	●
Power-On Initialize	—	—	—	—	—
Comparator	—	—	●	●(with Vibration)	●(with Vibration)
Low Pass Filter	—	—	●	●	●
Output Terminal	—	—	—	—	—
External Power Supply	—	—	—	—	—
Dust Proof & Simple Water Resistant	—	—	—	—	—
Auto Power Save (Off)	●	●	●	●	●

*2 : Two-ranges auto for ACA.
*3 : mA / A : switch selection

Handy-size Clamps with Efficient Functions



AC/DC 400A AC/DC V Ω Hz ()) ()) DUTY % ())

PEAK HOLD MAX MIN DIFF AUTO ZERO DISP HOLD APO TRUE RMS

SK-7660 SK-7661 for DC Current measurement SK-7660

SK-7660 **TRUE RMS** / SK-7661

FEATURES

- 15 measurement functions in one small package.
- "Power-On Initialize" (auto zero adjustment) in DCA.
- Rubber-molded rotary switch and trigger.
- Easy-to-clamp compact & beaked clamp head even for narrow conductors.
- True RMS and peak hold (SK-7660), MAX/MIN (SK-7661)

SPECIFICATIONS

Display : 4000 count LCD,
Maximum reading 4050

Sampling Rate : 3 times / sec

Range Selection : Auto Ranging

Conductor Diameter : ϕ 27mm Max.

Power Supply : 1.5V R03 or AAA Batteries (x 2)

CE Mark : CAT III 300V, CAT II 600V and EMC

Dimensions : 170(H) x 58(W) x 27(D)mm

Weight : 160g

Accessories : 100-63 Test Leads (x 1 set)
1015 Carrying Case (x 1)
1.5V R03 Batteries (x 2)

OPTIONAL ACCESSORIES

- 880 Line Separator
- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin

		Range	Accuracy
\bar{A} / \tilde{A} Hz	DC Current	40A	± 1.5%rdg ± 3dgt
		400A	40 to 200A ± 1.5%rdg ± 5dgt 201 to 300A ± 3.0%rdg ± 3dgt 301 to 400A ± 4.0%rdg ± 3dgt
		400A	± 1.5%rdg ± 5dgt (50/60Hz)
	AC Current*	40A	40 to 200A ± 2.0%rdg ± 3dgt (50/60Hz) 201 to 300A ± 4.0%rdg ± 5dgt (50/60Hz) 301 to 400A ± 5.0%rdg ± 5dgt (50/60Hz)
		400A	± 1.5%rdg ± 5dgt (50/60Hz)
		400A	± 1.5%rdg ± 5dgt (50/60Hz)
\bar{V} / \tilde{V} Hz / %	DC Voltage	400mV	± 1.0%rdg ± 3dgt
		4V	
		40V	± 1.0%rdg ± 2dgt
	AC Voltage	40V	± 1.5%rdg ± 5dgt (40 to 400Hz)
		400V	
		600V	
Frequency	5Hz to 49.99kHz	± 0.2%rdg ± 2dgt	
	Duty Cycle	5% to 95% ± 1.0%rdg ± 3dgt	
Resistance	400Ω	± 1.5%rdg ± 5dgt	
	4kΩ	± 0.7%rdg ± 3dgt	
	40kΩ	± 1.2%rdg ± 5dgt	
	400kΩ	± 3.0%rdg ± 5dgt	
	4MΩ	± 1.5%rdg ± 5dgt	
	40MΩ	± 5.0%rdg ± 5dgt	
Continuity Test	400Ω	± 1.5%rdg ± 5dgt	
Diode Test	0 to 1.5V	± 5.0%rdg ± 5dgt	
Capacitance	Open Circuit Voltage : ≤ 1.7V		
	50 / 500nF / 5 / 50 / 100 μF (± 5.0%rdg ± 10dgt)		
Functions	Peak Hold (SK-7660), MAX / MIN (SK-7661), Difference, Power-on Initialize (for DC Current measurement), Display Hold, Auto Power OFF		

*Frequency Characteristic (40 to 400Hz) : 40A Range (0.5 to 9A) add 1.5% (10 to 40A) add 0.5% 400A Range add 1.0%

Focused on High-Flexibility



AC/DC 400A AC/DC V Hz % for Voltage measurement

PEAK HOLD MAX MIN DIFF AUTO ZERO DISP HOLD APO TRUE RMS

for DC Current measurement

SK-7682 **TRUE RMS**

FEATURES

- Usable for Automotive Measurements.
- Peak Current and Peak Voltage.
- Max / Min and Difference Measurements.

SPECIFICATIONS

Display : 4000 count LCD,
Maximum reading 4050

Sampling Rate : 3 times / sec

Range Selection : Auto Ranging

Conductor Diameter : ϕ 19mm Max.

Power Supply : 1.5V R6P or AA Batteries (x 2)

CE Mark : CAT III 300V and EMC

Dimensions : 196(H) x 59(W) x 30(D) mm

Weight : 180g

Accessories : 100-57 Test Leads (x 1 set)
940 Alligator Clips (x 1 set)
1011 Carrying Case (x 1)
1.5V R6P Batteries (x 2)

OPTIONAL ACCESSORIES

- 100-41 Test Lead Kit
- 100-62 Test Lead Set
- 948 Alligator Clips
- 793 Coil-Type Contact Pin

		Range	Accuracy
\bar{A} / \tilde{A} Hz	DC Current	40A	± 1.5%rdg ± 3dgt
		400A	40 to 200A ± 2.0%rdg ± 3dgt 201 to 400A ± 4.0%rdg ± 3dgt
		400A	± 1.5%rdg ± 5dgt
	AC Current	40A	36 to 200A ± 2.0%rdg ± 5dgt 201 to 400A ± 5.0%rdg ± 5dgt
		400A	± 1.5%rdg ± 5dgt
		400A	± 5.0%rdg ± 5dgt
\bar{V} / \tilde{V} Hz / %	DC Voltage	400mV	± 1.0%rdg ± 3dgt
		4V	
		40V	± 1.0%rdg ± 2dgt
	AC Voltage	4V	± 1.5%rdg ± 5dgt
		40V	
		400V	
Frequency	1Hz to 49.99kHz	± 0.2%rdg ± 2dgt	
	Duty Cycle	0% to 99.9% ± 0.5%rdg ± 5dgt	
Functions	MAX / MIN, Peak Hold, Difference, Power-on Initialize (for DC Current measurement), Display Hold, Auto Power Off		

Versatile Clamp Meter, Compactly Designed

Clamp Meters

Insulation Testers / Earth Tester

Digital Multimeters

Analog Multitesters

Automotive Testers

Other Testers

Accessories



AC/DC 1000A AC/DC V Ω Hz (Pulse) (Waveform) DUTY %

PEAK HOLD MAX MIN DIFF AUTO ZERO DISP HOLD APO TRUE RMS Dust Proof Simple Water Resistant

for DC Current measurement

SK-7718 TRUE RMS

FEATURES

- AC / DC 1000A Measurements
- "Power-On Initialize" (auto zero adjustment) for DCA.
- MAX / MIN, Difference, Peak Hold
- Dust-proof case is used to protect the tester from dust damage.

SPECIFICATIONS

Display : 4000 count LCD, Maximum reading 9999

Sampling Rate : 3 times / sec

Range Selection : Auto Ranging

Conductor Diameter : φ 35mm Max.

Power Supply : 9V 6F22 Battery (x 1)

CE Mark : CAT III 600V and EMC

Dimensions : 193(H) x 60(W) x 34.5(D) mm

Weight : 300g

Accessories : 100-57 Test Leads (x 1 set)
1012 Carrying Case (x 1)
9V 6F22 Battery (x 1)

OPTIONAL ACCESSORIES

- 880 Line Separator 940 Alligator Clips
- 100-41 Test Lead Kit 948 Alligator Clips
- 100-62 Test Lead Set 793 Coil-Type Contact Pin

		Range	Accuracy
~ / A / A Hz	AC Current	400A	±1.5%rdg±5dgt
		1000A	400 to 600A ±1.5%rdg±5dgt 601 to 1000A ±3.0%rdg±5dgt
	DC Current	400A	±1.5%rdg±3dgt
		1000A	400 to 600A ±1.5%rdg±3dgt 601 to 1000A ±3.0%rdg±3dgt
	Frequency	1Hz to 1kHz	±0.2%rdg±2dgt
~ / V / V Hz * %	AC Voltage	4V	±1.0%rdg±5dgt (40Hz to 400Hz)
		40V	
		400V	
	DC Voltage	400mV	±1.0%rdg±3dgt
		4V	
		40V	
Frequency	1Hz to 49.99kHz	±0.2%rdg±2dgt	
	Duty Cycle	10% to 90%	±2.0%rdg±2dgt
Resistance	400Ω	±1.5%rdg±5dgt	
	4kΩ	±1.0%rdg±3dgt	
	40kΩ		
	400kΩ		
	4MΩ		
40MΩ			
Continuity Test	400Ω (Buzzer Sound : Approx. 50Ω or less)		
Diode Test	0 to 1.5V	±5.0%rdg±5dgt	
Capacitance	Open Circuit Voltage : ≤1.7V		
	50 / 500nF / 5 / 50 / 100 μF	(±5.0%rdg±10dgt)	
Functions	Peak Hold, MAX / MIN, Difference, Power-on Initialize (for DC Current measurement), Display Hold, Auto Power OFF		

2 Channel Measurements on Dual Display LCD and Oscilloscope Connection

AC/DC 1000A AC/DC V Ω Hz DUTY % PULSE WIDTH °C

PEAK HOLD MAX MIN DIFF DISP HOLD OUT PUT TRUE RMS Dust Proof Simple Water Resistant

SK-7722

SK-7720 TRUE RMS / **SK-7722** TRUE RMS

FEATURES

- Two different elements can be measured at once and read on a bigger Dual Display LCD.
- Analog Output Terminal for an Oscilloscope or Recorder (SK-7722).
- Dust-proof case is used to protect the tester from dust damage.

OPTIONAL ACCESSORIES

- 818 Temperature Probe 100-62 Test Lead Set
- 880 Line Separator 940 Alligator Clips
- 922 DC Adapter Cable 948 Alligator Clips
- 930 Output Cord for Recorder 793 Coil-Type Contact Pin (SK-7722)
- 100-41 Test Lead Kit

SPECIFICATIONS

Display : 4000 count LCD, Maximum reading 9999

Sampling Rate : 15 times / sec. (each channel), 3.75 times / sec. for $\bar{A} + \bar{V}$ measurements in ordinary mode.

Range Selection : Auto Ranging

Conductor Diameter : φ 36mm Max.

Power Supply : 9V 6F22 or NEDA 1604 Battery (x 1)

Dimensions : 200(H) x 64(W) x 33(D) mm

Weight : 310g

Accessories : 100-57 Test Leads (x 1 set)
1007 Carrying Case (x 1), 9V 6F22 Battery (x 1)



		SK-7720		SK-7722	
		Range	Accuracy	Range	Accuracy
$\bar{A} + \bar{V}$	DC Current	400A / 1000A	400.0A ±1.5%rdg±3dgt 400 to 600A ±1.5%rdg±1dgt 601 to 1000A ±3.0%rdg±3dgt		
		DC Voltage	400V ±1.0%rdg±3dgt 650V ±1.0%rdg±1dgt	40V ±1.0%rdg±3dgt 250V ±1.0%rdg±1dgt	
	AC Current	400A / 1000A	400.0A ±1.5%rdg±3dgt 400 to 600A ±1.5%rdg±1dgt 601 to 1000A ±3.0%rdg±3dgt	50Hz to 60Hz	40Hz to 400Hz
$\bar{A} + \text{Hz}$	Frequency	10.0Hz to 4000Hz	±0.5%rdg±1dgt		
	Duty Cycle	0.0% to 99.9%	±3.0%rdg±3dgt		
	Pulse Width	1.0mS to 999.9mS	±0.5%rdg±3dgt		
$\bar{V} + \text{Hz}$	AC Voltage	400V / 650V	±1.0%rdg±3dgt (50Hz to 60Hz) ±1.5%rdg±3dgt (40Hz to 400Hz)	40V / 250V	±1.0%rdg±3dgt (50Hz to 60Hz) ±1.5%rdg±3dgt (40Hz to 400Hz)
	Frequency	10.0Hz to 4000Hz	±0.5%rdg±1dgt		
	Duty Cycle	0.0% to 99.9%	±3.0%rdg±3dgt		
	Pulse Width	1.0mS to 999.9mS	±0.5%rdg±3dgt		
Resistance	4000Ω	±1.0%rdg±3dgt			
	20kΩ	±1.0%rdg±1dgt			
Temperature	-30°C to 150°C	±1.0%rdg±3dgt			
Functions	Peak Hold, MAX / MIN, Difference, Display Hold, Output Terminal (SK-7722)				

AC / DC Digital Clamp Meters

Powerful for Every Measurement



SK-7708 TRUE RMS

FEATURES

- "Power-On Initialize" (auto zero adjustment) for DCA.
- Peak Hold, MAX / MIN measurements.
- Dust-proof case is used to protect the tester from dust damage.

OPTIONAL ACCESSORIES

- 880 Line Separator
- 100-41 Test Lead Kit
- 100-62 Test Lead Set
- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin

SPECIFICATIONS

Display	: 4000 count LCD, Maximum reading 5120
Sampling Rate	: 3 times / sec
Range Selection	: Auto / Manual Ranging
Conductor Diameter	: ϕ 55mm Max.
Power Supply	: 9V 6F22 Battery (x 1)
CE Mark	: CAT III 600V and EMC
Dimensions	: 250(H) x 92(W) x 39(D) mm
Weight	: 500g
Accessories	: 100-57 Test Leads (x 1 set) 1007 Carrying Case (x 1) 9V 6F22 Battery (x 1)

		Range	Accuracy
\tilde{A}/\bar{A} Hz	AC Current	400A	50Hz to 60Hz $\pm 1.5\%rdg \pm 5dgt$
		2000A	40Hz to 1kHz $\pm 3.0\%rdg \pm 5dgt$
	DC Current	400A	0 to 1000A $\pm 1.5\%rdg \pm 5dgt$
		2000A	1001A or more $\pm 3.0\%rdg \pm 5dgt$
\tilde{V}/\bar{V} Hz * %	AC Voltage	400A	$\pm 1.5\%rdg \pm 5dgt$
		2000A	$\pm 1.5\%rdg \pm 5dgt$
	DC Voltage	400A	$\pm 1.5\%rdg \pm 5dgt$
		2000A	$\pm 1.5\%rdg \pm 5dgt$
Resistance	Frequency	400A	$\pm 0.2\%rdg \pm 2dgt$
		2000A	$\pm 0.2\%rdg \pm 2dgt$
	AC Voltage	400A	40Hz to 400Hz $\pm 1.5\%rdg \pm 5dgt$
		2000A	401Hz to 1kHz $\pm 3.0\%rdg \pm 5dgt$
Continuity Test	DC Voltage	400A	$\pm 1.2\%rdg \pm 3dgt$
		2000A	$\pm 1.2\%rdg \pm 3dgt$
	Frequency	400A	$\pm 0.2\%rdg \pm 2dgt$
		2000A	$\pm 0.2\%rdg \pm 2dgt$
Diode Test	Duty Cycle	400A	$\pm 2.0\%rdg \pm 2dgt$
		2000A	$\pm 2.0\%rdg \pm 2dgt$
	Resistance	400A	$\pm 1.5\%rdg \pm 5dgt$
		2000A	$\pm 1.5\%rdg \pm 5dgt$
Capacitance	Continuity Test	400A	$\pm 1.0\%rdg \pm 3dgt$
		2000A	$\pm 1.0\%rdg \pm 3dgt$
	Diode Test	400A	$\pm 3.0\%rdg \pm 4dgt$
		2000A	$\pm 3.0\%rdg \pm 4dgt$
Functions	Capacitance	400A	$\pm 5.0\%rdg \pm 7dgt$
		2000A	$\pm 5.0\%rdg \pm 7dgt$
	Buzzer Sound	400A	$\pm 1.5\%rdg \pm 5dgt$
		2000A	$\pm 1.5\%rdg \pm 5dgt$
Buzzer Sound : Approx. 50Ω or less		0 to 1.5V	$\pm 5.0\%rdg \pm 5dgt$
Open Circuit Voltage : $\leq 1.7V$		50 / 500nF / 5 / 50 / 100 μF	$\pm 5.0\%rdg \pm 10dgt$

AC Digital Clamp Meters

Pocket-sized Clamp Meter



SK-7601

FEATURES

- Simple operation.
- Strong and beaked Clamp Head against twists.
- AUTO POWER OFF : turns off automatically after 12 minutes.
- Full Auto Ranging up to 300A AC.
- DISPLAY HOLD Function.
- With Carrying Case.

OPTIONAL ACCESSORY

- 880 Line Separator

SPECIFICATIONS

Display	: 4000 count LCD, Maximum reading 4000
Sampling Rate	: 2.5 times / sec
Range Selection	: Auto Ranging
Conductor Diameter	: ϕ 27mm Max.
Power Supply	: 3V CR2032 Battery (x 1)
CE Mark	: CAT III 300V and EMC
Dimensions	: 150(H) x 52(W) x 24(D)mm
Weight	: 110g
Accessories	: 1004 Carrying Case (x 1) 3V CR2032 Battery (x 1)

		Range	Accuracy
AC Current	Functions	40A	$\pm 1.8\%rdg \pm 5dgt$
		300A	$\pm 1.8\%rdg \pm 5dgt$
Display Hold, Auto Power OFF			

Clamp Meters

Insulation Testers / Earth Tester

Digital Multimeters

Analog Multimeters

Automotive Testers

Other Testers

Accessories

AC Digital Clamp Meters

Multi-functional Handy Clamp with Long Battery Life

Clamp Meters

Insulation Testers / Earth Tester

Digital Multimeters

Analog Multitesters

Automotive Testers

Other Testers

Accessories



SK-7602 TRUE RMS

FEATURES

- 220-hours long time measurement. (with alkaline cells)
- 13 measurement functions in one small package.
- Rubber-molded rotary switch and trigger.
- Easy-to-clamp compact & beaked clamp head even for narrow conductors.
- True RMS, MAX/MIN and Difference measurement.

SPECIFICATIONS

Display : 4000 count LCD, Maximum reading 4050
 Sampling Rate : 3 times / sec
 Range Selection : Auto Ranging
 Conductor Diameter : ϕ 27mm Max.
 Power Supply : 1.5V R03 or AAA Batteries (x 2)
 CE Mark : CAT III 300V, CAT II 600V and EMC
 Dimensions : 171(H) x 58(W) x 27(D)mm
 Weight : 140g
 Accessories : 100-63 Test Leads (x 1 set)
 1015 Carrying Case (x 1)
 1.5V R03 Batteries (x 2)

OPTIONAL ACCESSORIES

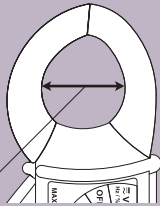
880 Line Separator 948 Alligator Clips
 940 Alligator Clips 793 Coil-Type Contact Pin

		Range	Accuracy
\tilde{A} / Hz	AC Current	40A	$\pm 1.5\%rdg \pm 5dgt$ (50Hz/60Hz)
	Frequency	400A	$\pm 3.0\%rdg \pm 5dgt$ (40Hz to 400Hz)
\bar{V} / \tilde{V}	DC Voltage	5Hz to 1kHz	$\pm 0.2\%rdg \pm 2dgt$
		400mV	$\pm 1.0\%rdg \pm 3dgt$
		4V	
	AC Voltage	40V	$\pm 1.0\%rdg \pm 2dgt$
		400V	
		600V	
Hz / %	4V		
	AC Voltage	40V	$\pm 1.5\%rdg \pm 5dgt$ (40Hz to 400Hz)
	400V		
	600V		
Resistance	Frequency	5% to 95%	$\pm 2.0\%rdg \pm 3dgt$
	Duty Cycle	400 Ω	$\pm 1.5\%rdg \pm 5dgt$
	4k Ω	40k Ω	$\pm 0.7\%rdg \pm 3dgt$
		400k Ω	
4M Ω		$\pm 1.2\%rdg \pm 5dgt$	
Continuity Test	40M Ω	$\pm 3.0\%rdg \pm 5dgt$	
	400 Ω	$\pm 1.5\%rdg \pm 5dgt$	
Diode Test	Buzzer Sound : Approx. 50 Ω or less		
Capacitance	0 to 1.5V	$\pm 5.0\%rdg \pm 5dgt$	
	Open Circuit Voltage : $\leq 1.7V$		
Functions	50 / 500nF / 5 / 50 / 100 μF ($\pm 5.0\%rdg \pm 10dgt$)		
	MAX / MIN, Difference, Display Hold, Auto Power OFF		

Easy & Useful

Easy - to - Clamp

SK-7602's compact and beaked clamp heads assure easy clamping even for narrow conductors.



ϕ 27mm MAX

Avoid Your Fingers Slips

SK-7602 are always fit on your hand. Double-Molding Rubbers on a Function Switch and a Trigger avoid your fingers slips during operation.

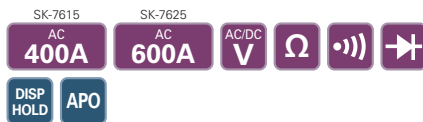
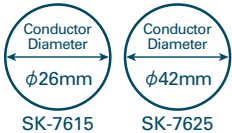


Test Lead Holder

Fixable Test Lead on the side of SK-7602 by inserting its hook into the holder socket. Useful for Voltage, Resistance, Capacitance Measurements, Continuity and Diode Tests.



High Quality Clamp Meter that contains DMM functions



SK-7615/SK-7625

FEATURES

- Round Clamp Head opens two ways at slant position assures accuracy and easy use.
- Easy Operation with Rotary Switch.
- Wide Measurement Ranges.

SPECIFICATIONS

Display : 2000 count LCD, Maximum reading 1999
 Sampling Rate : 3 times / sec
 Range Selection : Auto Ranging (two-ranges auto for ACA)
 Conductor Diameter : SK-7615 : ϕ 26mm Max.
 SK-7625 : ϕ 42mm Max.
 Power Supply : 1.5V LR-44 Batteries (x 2)
 Dimensions : SK-7615 : 171(H) x 72(W) x 35(D) mm
 SK-7625 : 183(H) x 78(W) x 35(D) mm
 Weight : SK-7615 : 180g, SK-7625 : 210g
 Accessories : 100-57 Test Leads (x 1 set)
 983 Carrying Case (x 1)
 1.5V LR-44 Batteries (x 2)

		Range	Accuracy
AC Current (SK-7615)	2A/20A	2A	$\pm 5.0\%rdg \pm 10dgt$
	20A	20A	$\pm 2.0\%rdg \pm 7dgt$
	200A/400A	200A	$\pm 1.5\%rdg \pm 7dgt$
AC Current (SK-7625)	2A/20A	2A	$\pm 5.0\%rdg \pm 10dgt$
	20A	20A	$\pm 2.0\%rdg \pm 7dgt$
	200A/600A	200A	$\pm 1.5\%rdg \pm 7dgt$
AC Voltage	200A/600A	600A	$\pm 1.5\%rdg \pm 7dgt$
	2V/20V/200V/600V		$\pm 1.0\%rdg \pm 5dgt$
DC Voltage	200mV		$\pm 0.5\%rdg \pm 2dgt$
	2V/20V/200V		$\pm 0.8\%rdg \pm 2dgt$
	600V		$\pm 1.0\%rdg \pm 2dgt$
Resistance	200 Ω /2k Ω /20k Ω /200k Ω		$\pm 1.5\%rdg \pm 5dgt$
	2M Ω		$\pm 3.0\%rdg \pm 5dgt$
	20M Ω		$\pm 5.0\%rdg \pm 5dgt$
Continuity Test	200 Ω (Buzzer Sound : Approx. 60 Ω or less)		
Diode Test	1.000V		$\pm 5.0\%rdg \pm 3dgt$
Functions	Open Circuit Voltage : $\leq 1.7V$		
	Display Hold, Auto Power OFF		

OPTIONAL ACCESSORIES

880 Line Separator 940 Alligator Clips
 100-41 Test Lead Kit 948 Alligator Clips
 100-62 Test Lead Set 793 Coil-Type Contact Pin



SK-7615

Leakage Clamp with Comparator



AC 60A AC V
MAX MIN COMP LPF DISP HOLD APO

SK-7815

FEATURES

- Easy to read LCD.
- Comparator : 1mA to 20mA setting. Buzzer sounds when measured value exceeds the set point.
- Max / Min Measurement.
- Low Pass Filter cuts off frequencies higher than 150Hz.
- Display Hold & Auto Power Save.
- Power Hold enables longer measurements.
- CE Mark is approved, EMC and LVD (IEC-1010-1) passed.

SPECIFICATIONS

Display : 3200 count LCD, Maximum reading 3200
 Sampling Rate : 2 times / sec
 Range Selection : Auto Ranging
 Conductor Diameter : ϕ 30mm Max.
 Power Supply : 1.5V R6P or AA Batteries (x 2)
 CE Mark : CAT III 300V and EMC
 Dimensions : 212(H) x 42(W) x 30(D) mm
 Weight : 220g
 Accessories : 100-32 Test Leads (x 1 set)
 1011 Carrying Case (x 1)
 1.5V R6P Batteries (x 2)

OPTIONAL ACCESSORIES

- 880 Line Separator
- 100-41 Test Lead Kit
- 100-62 Test Lead Set
- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin

	Range	Accuracy
AC Current	30mA	$\pm 1.0\%rdg \pm 5dgt$
	300mA	$\pm 1.5\%rdg \pm 5dgt$
	30A	$\pm 1.5\%rdg \pm 5dgt$
	60A	0A to 27.0A $\pm 1.5\%rdg \pm 5dgt$ 27.1A to 60.00A $\pm 2.0\%rdg \pm 5dgt$ 50.1A to 60.0A $\pm 5.0\%rdg \pm 5dgt$
AC Voltage	300V / 600V	$\pm 2.0\%rdg \pm 5dgt$
Functions	MAX / MIN, Comparator (up to 20mA), Low pass filter, Display Hold, Auto Power Save	

The World's First Vibration Alert Comparator Installed

AC 100A AC V
COMP LPF DISP HOLD APO

Conductor Diameter ϕ 24mm SK-7820
 Conductor Diameter ϕ 40mm SK-7825



SK-7820/SK-7825

FEATURES

- Wide range from 40mA to 100A AC.
- Vibration and buzzer comparator convenient in noisy surroundings.
- Low pass filter (cutoff 150Hz or more)
- 100-hours continuous measurement (with alkaline cells)
- Rubber-molded rotaty switch and trigger neatly fit in your hand.

OPTIONAL ACCESSORIES

- 880 Line Separator
- 948 Alligator Clips
- 940 Alligator Clips
- 793 Coil-Type Contact Pin

SPECIFICATIONS

Display : 4000 count LCD, Maximum reading 4050
 Sampling Rate : 2 times / sec
 Range Selection : Auto Ranging (mA / A : switch selection)
 Conductor Diameter : SK-7820: ϕ 24mm Max., SK-7825: ϕ 40mm Max.
 Power Supply : 1.5V (L) R03 or AAA Batteries (x 2)
 CE Mark : CAT III 300V, CAT II 600V and EMC
 Dimensions : SK-7820: 168(H) x 58(W) x 27(D) mm
 SK-7825: 184(H) x 58(W) x 27(D) mm
 Weight : SK-7820: 170g, SK-7825: 180g
 Accessories : 100-63 Test Leads (x 1 set)
 1020 Carrying Case (x 1), 1.5V LR03 Batteries (x 2)

	Range	Accuracy (50/60Hz)	Filter ON (50/60Hz)	Frequency Characteristic (40 to 400Hz)
AC Current	40mA / 400mA	0.10mA to 1.00mA $\pm 1.0\%rdg \pm 7dgt$ 1.01mA or more $\pm 1.0\%rdg \pm 5dgt$	add $\pm 1.0\%rdg \pm 3dgt$	add $\pm 1.0\%rdg \pm 3dgt$
	40A	0.10A to 1.00A $\pm 2.0\%rdg \pm 7dgt$ 1.01A or more $\pm 2.0\%rdg \pm 5dgt$		
	100A	40.1A to 80.0A $\pm 2.0\%rdg \pm 5dgt$ 80.1A to 100.0A $\pm 4.0\%rdg \pm 5dgt$		
	AC Voltage	400V / 600V 5.0V to 10.0V $\pm 2.0\%rdg \pm 7dgt$ 10.1V or more $\pm 2.0\%rdg \pm 5dgt$		
Functions	Vibration alert comparator, Low pass filter, Display Hold, Auto Power OFF			

Advantages of SK-7820 / 7825

Vibration Alert Comparator

SK-7820 / 7825 incorporate Comparator Function in \sim mA range. Buzzer sounds and vibrates if measuring value exceeds the setting value. Even in noisy surroundings, that can drown out the buzzer sound, vibration helps your comparator measurement. (Vibration alert is cancelable.)



Two-types-of Clamp Head

SK-7820's small clamp head assures easy clamping even for narrow conductors. SK-7825's large clamp head is suitable for thick conductors' measurement like 3-phase 3-wire system.

