

**kaise**

# "15-functions-in-ONE"

**World's Smallest Clamp Meter with No.1 Versatility!**



Actual- Size

▼SK-7661

## **AC/DC DIGITAL MINI-CLAMP METER**

**SK-7660: True RMS (with Peak Hold)**

**SK-7661: Average Rectification (with MAX/MIN)**



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# BIG FEATURES in SMALL PACKAGE !

## 15-functions-in-ONE

Wide range of measurements are possible in one easy to use compact clamp. "15 measurement functions" offers high flexibility that can keep up with any measurement demands.

### Measurement Items



### Enhanced Functions

- ◆ Peak Hold (SK-7660)
- ◆ MAX/MIM Measurement (SK-7661)
- ◆ Difference Measurement
- ◆ Power-on Initialize(for DC Current measurement)
- ◆ Display Hold
- ◆ Auto Power OFF

## Easy - to - Clamp

SK-7660/7661's compact and beaked clamp head are ideally suited for current measurements up to 400A AC/DC. Also assures easy clamping even for narrow conductors.



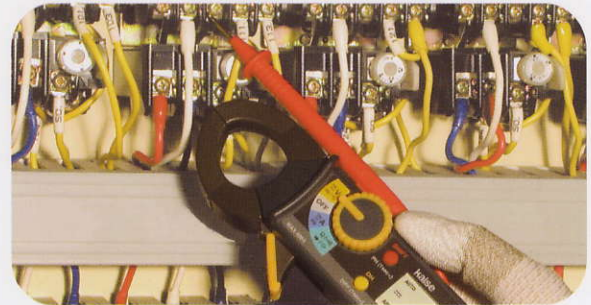
## Avoid your Fingers Slips

SK-7660/7661 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-7660/7661 by inserting its hook into the holder socket. Useful for Voltage, Resistance, Capacitance Measurements, Continuity and Diode Tests.



## SK-7660/7661 Specifications

(accuracy at 23°C±5°C, <80%RH in non-condensing)

Measurement Items		Range	Accuracy	Note
Current Measurement ( $\overline{=}$ A / $\sim$ A / Hz)	DC Current ( $\overline{=}$ A)	40.00A	$\pm 1.5\%rdg \pm 3dgt$	Max. Input Current : 400A DC
		400.0A	40~200A / $\pm 1.5\%rdg \pm 5dgt$ 201~300A / $\pm 3.0\%rdg \pm 3dgt$ 301~400A / $\pm 4.0\%rdg \pm 3dgt$	
	AC Current ( $\sim$ A) <sup>※1</sup>	40.00A	$\pm 1.5\%rdg \pm 5dgt$ (50/60Hz)	Max. Input Current : 400A rms
		400.0A	40~200A / $\pm 2.0\%rdg \pm 3dgt$ (50/60Hz) 201~300A / $\pm 4.0\%rdg \pm 5dgt$ (50/60Hz) 301~400A / $\pm 5.0\%rdg \pm 5dgt$ (50/60Hz)	
Voltage Measurement ( $\overline{=}$ V / $\sim$ V / Hz / %)	Frequency (Hz)	5.00Hz~1.000kHz	$\pm 0.2\%rdg \pm 2dgt$	Max. Input Current : 400A rms
	Peak Current( $\overline{=}$ 400A) <sup>※2</sup>	400.0A	$\pm 5.0\%rdg \pm 5dgt$	Max. Input Current : 400A peak
	DC Voltage ( $\overline{=}$ V)	400.0mV	$\pm 1.0\%rdg \pm 3dgt$	Max. Input Current : 600V DC
		4.000 / 40.00 / 400.0 / 600V	$\pm 1.0\%rdg \pm 2dgt$	
	AC Voltage ( $\sim$ V)	4.000 / 40.00 / 400.0 / 600V	$\pm 1.5\%rdg \pm 5dgt$ (40~400Hz)	Max. Input Current : 600V rms
Frequency (Hz)		5.00Hz~49.99kHz	$\pm 0.2\%rdg \pm 3dgt$	
Duty Cycle (%)		5.0%~95.0%	$\pm 1.0\%rdg \pm 3dgt$	
Resistance ( $\Omega$ )	—	400.0 $\Omega$	$\pm 1.5\%rdg \pm 5dgt$	Open Circuit Voltage : $\approx 0.44V$
		4.000k / 40.00k / 400.0k $\Omega$	$\pm 0.7\%rdg \pm 3dgt$	
		4.000M $\Omega$	$\pm 1.2\%rdg \pm 5dgt$	
		40.00M $\Omega$	$\pm 3.0\%rdg \pm 5dgt$	
Continuity Test ( $\bullet$   )	—	400.0 $\Omega$	$\pm 1.5\%rdg \pm 5dgt$	Buzzer Sound : Approx.50 $\Omega$ or less Open Circuit Voltage : $\approx 0.44V$
Diode Test ( $\rightarrow$ —)	—	0~1.5V	$\pm 5.0\%rdg \pm 5dgt$	Open Circuit Voltage : $\leq 1.7V$
Capacitance (— F)	—	50.00n / 500.0n / 5.000 $\mu$ 50.00 $\mu$ / 100.0 $\mu$ F	$\pm 5.0\%rdg \pm 10dgt$	Open Circuit Voltage : 50.00nF : $\approx 1.25V$ 500.0nF~100.0 $\mu$ F : $\approx 0.44V$

※1 : Frequency Characteristic (40~400Hz) : 40A Range (0.5~9A) add 1.5% / (10~40A) add 0.5% , 400A Range add 1.0% ※2 : Peak Current ; SK-7660 only

Display(LCD) 4000 Count, Maximum reading 4050, 12mm high  
 Operating Principle  $\Sigma$   $\Delta$  conversion  
 AC Measurement SK-7660: True RMS  
 SK-7661: Average Rectification  
 Sampling Rate 3 times / second  
 Range Selection Auto-Ranging  
 Battery Warning "BAT" symbol appears when battery voltage goes down to approx.2.4V or less.  
 Dielectric Strength 3.7kV AC for 1 min.(between input terminal and case)  
 Overload Protection Current : 600A rms for 1 min.(600V line)  
 Voltage : 1000V rms for 1 min.  
 Resistance : 300V rms for 1 min.

Operable Temperature & Humidity 0°C~40°C, <80%RH(Non-condensing)  
 Safety Level CE Marking Approved IEC-61010-1, CAT III 300V, CAT II 600V and EMC Test passed 1.5V R03(AAA) Batteries x 2 (not attached)  
 Power Supply SK-7660 : Approx. 15mA, SK-7661 : Approx. 13mA  
 Power Consumption SK-7660 : Approx. 50 hours (Alkaline cell)  
 Continuous Operating Time Approx. 25 hours (Manganese cell)  
 SK-7661 : Approx. 60 hours (Alkaline cell)  
 Approx. 30 hours (Manganese cell)  
 Conductor Diameter 27mm  $\phi$   
 Dimensions & Weight 170(H) x 58(W) x 27(D)mm, 160g (battery included)

Accessories  
 100-52-1 Test Lead x 1set  
 Instruction Manual

Optional Accessories  
 1015 Carrying Case  
 880 Line Separator  
 940 Alligator Clips

DISTRIBUTOR

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