

# "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)**



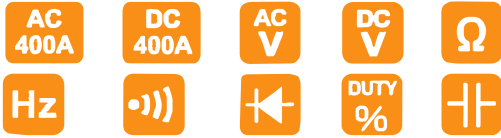


# BIG FEATURES in SMALL PACKAGE !

## 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

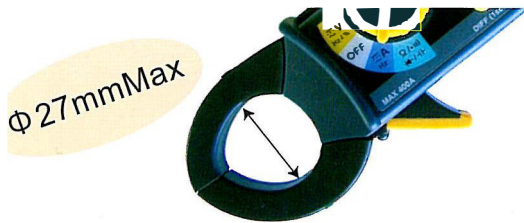


### Enhanced Functions

- ◆ 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.



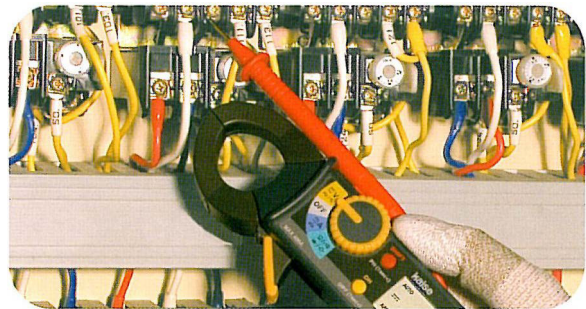
## Avoid your Fingers Slips

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 (= A / ~ A / Hz)	DC Current (= A)	40.00A	± 1.5%rdg ± 3dgt	Max. Input Current : 400A DC
		400.0A	40~200A / ± 1.5%rdg ± 5dgt 201~300A / ± 3.0%rdg ± 3dgt 301~400A / ± 4.0%rdg ± 3dgt	
	AC Current (~ A)※1	40.00A	± 1.5%rdg ± 5dgt (50/60Hz)	Max. Input Current : 400A rms
		400.0A	40~200A / ± 2.0%rdg ± 3dgt (50/60Hz) 201~300A / ± 4.0%rdg ± 5dgt (50/60Hz) 301~400A / ± 5.0%rdg ± 5dgt (50/60Hz)	
	Frequency (Hz)	5.00Hz~1.000kHz	± 0.2%rdg ± 2dgt	Max. Input Current : 400A rms
Peak Current(~400A)※2	400.0A	± 5.0%rdg ± 5dgt	Max. Input Current : 400A peak	
Voltage Measurement (= V / ~ V / Hz / %)	DC Voltage (= V)	400.0mV	± 1.0%rdg ± 3dgt	Max. Input Current : 600V DC
		4.000 / 40.00 / 400.0 / 600V	± 1.0%rdg ± 2dgt	
	AC Voltage (~ V)	4.000 / 40.00 / 400.0 / 600V	± 1.5%rdg ± 5dgt (40~400Hz)	Max. Input Current : 600V rms
	Frequency (Hz)	5.00Hz~49.99kHz	± 0.2%rdg ± 3dgt	
Duty Cycle (%)	5.0%~95.0%	± 1.0%rdg ± 3dgt		
Resistance (Ω)		400.0Ω	± 1.5%rdg ± 5dgt	Open Circuit Voltage : ≈0.44V
		4.000kΩ / 40.00kΩ / 400.0kΩ	± 0.7%rdg ± 3dgt	
		4.000MΩ	± 1.2%rdg ± 5dgt	
Continuity Test (•  )	Diode Test (←)	40.00MΩ	+ 3.0%rdg ± 5dgt	Buzzer Sound : Approx. 50Ω or less Open Circuit Voltage : ≈0.44V
		400.0Ω	± 1.5%rdg ± 5dgt	
Capacitance (- )		0~1.5V	+ 5.0%rdg ± 5dgt	Open Circuit Voltage : <1.7V
		50.00nF / 500.0nF / 5.000μF 50.00μF / 100.0μF	± 5.0%rdg ± 10dgt	

※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	Operable Temperature & Humidity	0°C~40°C, <80%RH(Non-condensing)	Accessories	
Operating Principle	ΣΔ conversion	Safety Level	CE Marking Approved IEC-61010-1, CAT III 300V, CAT II 600V and EMC Test passed	100-52-1 Test Lead × 1set	
AC Measurement	SK-7660: True RMS SK-7661: Average Rectification	Power Supply	1.5V R03(AAA) Batteries × 2(not attached)	Instruction Manual	
Sampling Rate	3 times / second	Power Consumption	SK-7660 : Approx. 15mA, SK-7661 : Approx. 13mA	Optional Accessories	
Range Selection	Auto-Ranging	Continuous Operating Time	SK-7660 Approx. 50 hours (Alkaline cell) Approx. 25 hours (Manganese cell)	1015 Carrying Case	
Battery Warning	"BAT" symbol appears when battery voltage goes down to approx. 2.4V or less.		SK-7661 : Approx. 60 hours (Alkaline cell) Approx. 30 hours (Manganese cell)	880 Line Separator	
Dielectric Strength	3.7kV AC for 1 min. (between input terminal and case)	Conductor Diameter	27mm φ	940 Alligator Clips	
Overload Protection	Current : 600A rms for 1 min. (600V line) Voltage : 1000V rms for 1 min. Resistance : 300V rms for 1 min.	Dimensions & Weight	170(H) x 58(W) x 27(D)mm, 160g (battery included)		



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