

kaise

"15-functions-in-ONE"

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

Actual- Size



SK-7660

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/MIN 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.



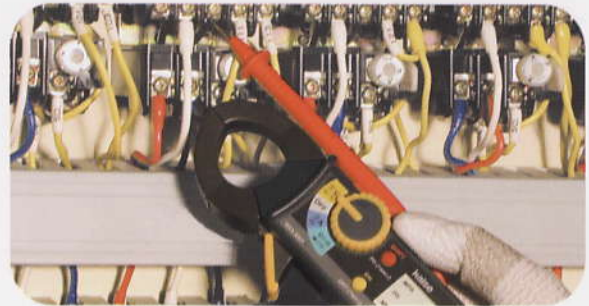
Avoid your Fingers Slips

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 ($\rightarrow$ A / $\sim$ A / Hz)	DC Current ($\rightarrow$ A)	40.00A	$\pm 1.5\% \text{rdg} \pm 3 \text{dgt}$	Max. Input Current : 400A DC
		400.0A	40~200A / $\pm 1.5\% \text{rdg} \pm 5 \text{dgt}$ 201~300A / $\pm 3.0\% \text{rdg} \pm 3 \text{dgt}$ 301~400A / $\pm 4.0\% \text{rdg} \pm 3 \text{dgt}$	
	AC Current ($\sim$ A) ※1	40.00A	$\pm 1.5\% \text{rdg} \pm 5 \text{dgt}$ (50/60Hz)	Max. Input Current : 400A rms
		400.0A	40~200A / $\pm 2.0\% \text{rdg} \pm 3 \text{dgt}$ (50/60Hz) 201~300A / $\pm 4.0\% \text{rdg} \pm 5 \text{dgt}$ (50/60Hz) 301~400A / $\pm 5.0\% \text{rdg} \pm 5 \text{dgt}$ (50/60Hz)	
	Frequency (Hz)	5.00Hz ~ 1.000kHz	$\pm 0.2\% \text{rdg} \pm 2 \text{dgt}$	Max. Input Current : 400A rms
Voltage Measurement ($\rightarrow$ V / $\sim$ V / Hz / %)	Peak Current ($\rightarrow$ 400A) ※2	400.0A	$\pm 5.0\% \text{rdg} \pm 5 \text{dgt}$	Max. Input Current : 400A peak
	DC Voltage ($\rightarrow$ V)	400.0mV	$\pm 1.0\% \text{rdg} \pm 3 \text{dgt}$	Max. Input Current : 600V DC
	AC Voltage ($\sim$ V)	4.000 / 40.00 / 400.0 / 600V	$\pm 1.5\% \text{rdg} \pm 5 \text{dgt}$ (40~400Hz)	
	Frequency (Hz)	5.00Hz ~ 49.99kHz	$\pm 0.2\% \text{rdg} \pm 3 \text{dgt}$	Max. Input Current : 600V rms
	Duty Cycle (%)	5.0% ~ 95.0%	$\pm 1.0\% \text{rdg} \pm 3 \text{dgt}$	
Resistance (Ω)		400.0 Ω	$\pm 1.5\% \text{rdg} \pm 5 \text{dgt}$	Open Circuit Voltage : $\approx 0.44\text{V}$
		4.000k / 40.00k / 400.0k Ω	$\pm 0.7\% \text{rdg} \pm 3 \text{dgt}$	
		4.000M Ω	$\pm 1.2\% \text{rdg} \pm 5 \text{dgt}$	
		40.00M Ω	$\pm 3.0\% \text{rdg} \pm 5 \text{dgt}$	
Continuity Test ($\rightarrow$)		400.0 Ω	$\pm 1.5\% \text{rdg} \pm 5 \text{dgt}$	Buzzer Sound : Approx. 50.0 or less Open Circuit Voltage : $\approx 0.44\text{V}$
Diode Test ($\rightarrow$)		0 ~ 1.5V	$\pm 5.0\% \text{rdg} \pm 5 \text{dgt}$	Open Circuit Voltage : $\leq 1.7\text{V}$
Capacitance ($\rightarrow$)		50.00n / 500.0n / 5.000 μ 50.00 μ / 100.0 μ F	$\pm 5.0\% \text{rdg} \pm 10 \text{dgt}$	Open Circuit Voltage : 50.00nF : $\approx 1.25\text{V}$ 500.0nF ~ 100.0 μ F : $\approx 0.44\text{V}$

※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	Σ Δ 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) Approx. 25 hours (Manganese cell)
Continuous Operating Time	SK-7661 : Approx. 60 hours (Alkaline cell) Approx. 30 hours (Manganese cell)
Conductor Diameter	27mm ϕ
Dimensions & Weight	170(H) x 58(W) x 27(D)mm, 160g (battery included)

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

Optional Accessories
1015 Carrying Case
880 Line Separator
940 Alligator Clips

DISTRIBUTOR

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