

"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)

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



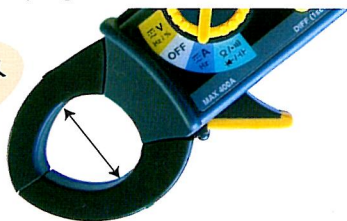
Enhanced Functions

- ◆ 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.

φ 27mmMax



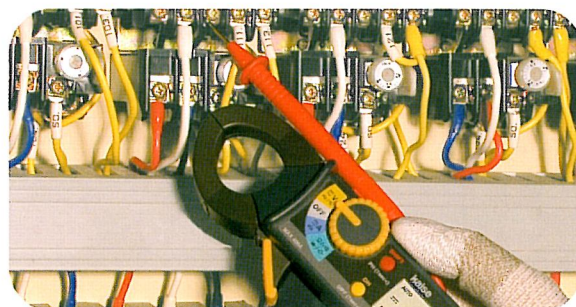
Avoid your Fingers Slips

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

$\times 1$: Frequency Characteristic (40~400Hz) : 40A Range (0.5~9A) add1.5% / (10~40A) add 0.5% , 400A Range add 1.0% $\times 2$: 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
Power Supply 1.5V R03(AAA) Batteries $\times$ 2(not attached)
Power Consumption SK-7660 : Approx. 15mA, SK-7661 : Approx. 13mA
Continuous Operating Time SK-7660 : Approx. 50 hours (Alkaline cell)
Approx. 25 hours (Manganese cell)
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 $\times$ 1set
Instruction Manual

Optional Accessories
1015 Carrying Case
880 Line Separator
940 Alligator Clips

DISTRIBUTOR

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