

kaise

"13-functions-in-ONE"

High Versatility in a Single Handheld Instrument !



Actual- Size

▼SK-7603



AC DIGITAL MINI-CLAMP METER

SK-7602: True RMS

SK-7603: Average Rectification



www.kaise.com

EASY AND USEFUL , HIGH FUNCTIONALITY

13-functions-in-ONE

Wide range of measurements are possible in one easy to use compact clamp. "13 measurement functions" offers high flexibility that can keep up with any measurement demands.

Measurement Items



Enhanced Functions



Long Time Measurement

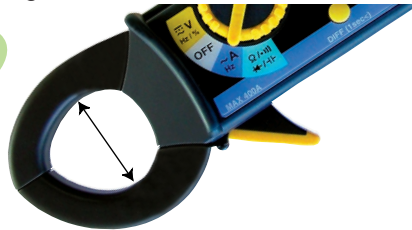
About **10-times-long*** continuous measurement is possible by using two 1.5V R03 batteries, comparing to our current Clamp Meter that uses two LR44 batteries.

* For SK-7603. 7 times for SK-7602. * In AC-A range, without any input.

Easy - to - Clamp

SK-7602/7603's compact and beaked clamp heads assure easy clamping even for narrow conductors.

Φ 27mmMax



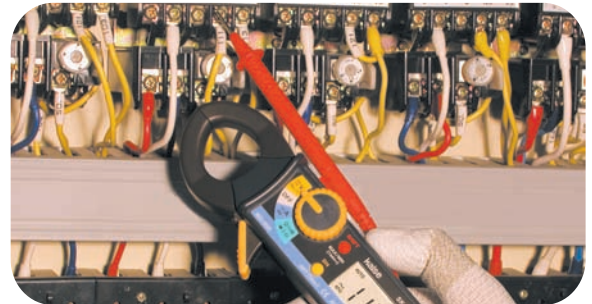
Avoid Your Fingers Slips

SK-7602/7603 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-7602/7603 by inserting its hook into the holder socket. Useful for Voltage, Resistance, Capacitance Measurements, Continuity and Diode Tests.



SK-7602/7603 Specifications

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

Measurement Items		Range	Accuracy	Note	
Current Measurement (~A / Hz)	AC Current (~A)	40.00A 400.0A	± 1.5%rdg±5dgt (50/60Hz) ± 3.0%rdg±5dgt (40~400Hz)	Max. Input Current : 400A rms	
	Frequency (Hz)	5.00Hz~1.000kHz	± 0.2%rdg±2dgt		
Voltage Measurement (≡V / ~V / Hz / %)	DC Voltage (≡V)	400.0mV 4.000 / 40.00 / 400.0 / 600V	± 1.0%rdg±3dgt ± 1.0%rdg±2dgt	Max. Input Voltage : 600V DC	
	AC Voltage (~V)	4.000 / 40.00 / 400.0 / 600V	± 1.5%rdg±5dgt (40~400Hz)		
	Frequency (Hz)	5.00Hz~49.99kHz	± 0.2%rdg±2dgt	Max. Input Voltage : 600V rms	
	Duty Cycle (%)	5.0%~95.0%	± 2.0%rdg±3dgt		
Resistance (Ω)		400.0Ω 4.000k / 40.00k / 400.0kΩ 4.000MΩ 40.00MΩ	± 1.5%rdg±5dgt ± 0.7%rdg±3dgt ± 1.2%rdg±5dgt ± 3.0%rdg±5dgt	Open Circuit Voltage : ≒0.44V	
	Continuity Test (•)	400.0Ω	± 1.5%rdg±5dgt		Busser Sound : Approx.50Ω or less Open Circuit Voltage : ≒0.44V
	Diode Test (◀)	0~1.5V	± 5.0%rdg±5dgt		Open Circuit Voltage : ≤1.7V
Capacitance (⊃)		50.00n / 500.0n / 5.000 μ 50.00 μ / 100.0 μ F	± 5.0%rdg±10dgt	Open Circuit Voltage : 50.00nF : ≒1.25V 500.0nF~100.0 μ F : ≒0.44V	

Display(LCD) 4000 Count, Maximum reading 4050, 12mm high
 Operating Principle $\Sigma \Delta$ conversion
 AC Measurement SK-7602: True RMS(AC Coupling)
 SK-7603: 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)
 Storage Temperature & Humidity -20°C~60°C, <70%RH(Non-condensing)
 Safety Level CE Marking Approved IEC-61010-1, CAT III 300V, CAT II 600V and EMC passed
 Power Supply 1.5V R03(AAA) Batteries × 2(not attached)
 Power Consumption SK-7602 : Approx. 4.0mA
 SK-7603 : Approx. 2.5mA
 Continuous Operating Time SK-7602 : Approx. 220 hours (Alkaline cell)
 Approx. 90 hours (Manganese cell)
 SK-7603 : Approx. 290 hours (Alkaline cell)
 Approx. 130 hours (Manganese cell)
 Conductor Diameter 27mm φ
 Dimensions & Weight 171(H) x 58(W) x 27(D)mm, 140g

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

Optional Accessories
 1015 Carrying Case
 880 Line Separator
 940 Alligator Clips

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All specifications are subject to change without notice.

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