





Digital Multimeters Index

				
Model	SK-4035	SK-6555	KU-1199	SK-6500
Display Counts	4000	4000	4000	2000
Bargraph	—	—	—	—
DC Voltage	400mV	400mV	400mV	200mV
	4V	4.0V	4V	2V
	40V	40V	40V	20V
	400V	400V	400V	200V
	600V	600V	500V	600V
	—	—	—	—
AC Voltage	400mV	4.0V	400mV	2V
	4V	40V	4V	20V
	40V	400V	40V	200V
	400V	600V	400V	600V
	600V	—	500V	—
	—	—	—	—
DC Current	400 μ A	—	—	—
	4000 μ A	—	—	—
	40mA	—	—	—
	400mA	—	—	—
	10A	—	—	—
	—	—	—	—
AC Current	400 μ A	—	—	—
	4000 μ A	—	—	—
	40mA	—	—	—
	400mA	—	—	—
	10A	—	—	—
	—	—	—	—
Resistance	400 Ω	400 Ω	400 Ω	200 Ω
	4k Ω	4.0k Ω	4k Ω	2k Ω
	40k Ω	40k Ω	40k Ω	20k Ω
	400k Ω	400k Ω	400k Ω	200k Ω
	4M Ω	4.0M Ω	4M Ω	2M Ω
	40M Ω	40M Ω	40M Ω	20M Ω
Frequency	—	●	—	—
Duty Cycle	—	●	—	—
Continuity Test	—	●	●	●
Diode Test	—	●	●	●
Capacitance	—	●	—	—
Temperature	—	—	—	—
True RMS	●	—	—	—
Auto Ranging	●	●	●	●
Manual Ranging	●	●	—	—
MAX / MIN	—	●	—	—
Range Hold	●	●	—	—
Difference	—	●	—	—
Display Hold	—	●	—	●
Comparator	●	—	—	—
Current by Clamp Adapter	●	—	—	—
Dust Proof & Simple Water Resistant	—	—	—	—
Backlight	—	—	—	—
Penlight	—	—	—	—
Auto Power Save (Off)	—	●	●	●

Clamp Meters

Insulation Testers/Earth Tester

Digital Multimeters

Analog Multitesters

Automotive Testers

Other Testers

Accessories

Easy-to-read Large LCD with 20mm high numerals



SK-6161



SK-6163



SK-6161 / SK-6163

FEATURES

- Easy-to-read Large LCD with 20mm high numerals.
- 300 hours continuous operation with only two 1.5V Batteries.
- 20A AC / DC Measurements.

SPECIFICATIONS

Display : 4000 count LCD
 Sampling Rate : 2.5 times / sec
 (except frequency duty cycle, capacitance measurements)
 Range Selection : Auto / Manual Ranging
 Power Supply : 1.5V R6P or AA Batteries (x 2)
 Fuse : F14 (0.5A / 250V) x 1
 F16 (15A / 250V) x 1
 Dimensions : 160(H) x 75(W) x 34(D) mm,
 Weight : 180g
 Accessories : 100-57 Test Leads (x 1 set)
 1020 Carrying Case
 1.5V R6P Batteries (x 2)
 Spare Fuses F14 (0.5A / 250V) &
 F16 (15A / 250V) x 1 each

Advantages of SK-6161/ 6163

Easy-to-read large LCD

Colored range switch for easy operation



	Range	Resolution	Accuracy	Input Impedance	
DC Voltage	400mV	0.1mV	±0.5%rdg±2dgt	>100MΩ	
	4V	1mV	±0.5%rdg±1dgt	≈11MΩ	
	40/400/1000V	10m/100m/1V	±1%rdg±5dgt	≈10MΩ	
AC Voltage	4V	1mV	±1%rdg±5dgt	≈11MΩ	
	40/400/750V	10m/100m/1V	±1%rdg±1dgt	≈10MΩ	
	Frequency	5Hz to 20kHz	0.01 to 10Hz	±0.2%rdg±2dgt	
Duty Cycle	10 to 90%	0.1%	±2%rdg±2dgt		
DC Current	400μA/4000μA*	0.1 μ/1 μA	±1%rdg±1dgt	0.11mV/μA	
	40m/400mA	0.01m/0.1mA	±1%rdg±1dgt	2mV/mA	
	4A	1mA	±1.5%rdg±2dgt	30mV/A	
AC Current	400μA/4000μA*	0.1 μ/1 μA	±1.5%rdg±5dgt	0.11mV/μA	
	40m/400mA	0.01m/0.1mA	±1.5%rdg±5dgt	2mV/mA	
	4A	1mA	±2%rdg±7dgt	30mV/A	
Frequency	5Hz to 1kHz	0.01 to 1Hz	±0.2%rdg±2dgt		
	Resistance	400Ω	0.1Ω	±0.8%rdg±3dgt	≤0.3mA
		4kΩ	1Ω		≤40μA
40kΩ		10Ω	±0.8%rdg±2dgt	≤4μA	
Resistance	400kΩ	100Ω		≤0.4μA	
	4MΩ	1kΩ	±2%rdg±3dgt	≤40nA	
	40MΩ	10kΩ	±3%rdg±3dgt		
Open Circuit Voltage	Voltage : Approx. 0.44V				
Continuity Test	400Ω (Buzzer Sound : Approx. 60Ω or less)				
Diode Test	1V ±5.0%rdg±3dgt				
Diode Test	Open Circuit Voltage : ≤1.7V				
Capacitance	50 / 500nF / 5 / 50 / 100 μF (±5.0%rdg±10dgt)				
Functions	Difference (SK-6163), Range Hold, Display Hold (SK-6163), Auto Power Save				

* 400 μA / 4000 μA range is SK-6163 only.

OPTIONAL ACCESSORIES

- 660 AC / DC Clamp Adapter
- 821 AC Clamp Adapter
- 731 BNC Conversion Adapter
- 100-41 Test Lead Kit
- 100-62 Test Lead Set
- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin

4000 Count DMM with Bargraph



SK-6150

FEATURES

- Large LCD with Bargraph.
- Tough designed case with Dust-proof and Water-resistant structure.

SPECIFICATIONS

Display : (Numerical) 4000 count LCD,
 Maximum Reading 9999
 (Bargraph) 40 segments
 (1 segment / 100 digits)
 Sampling Rate : (Numerical) 3 times / sec
 (Bargraph) 30 times / sec
 Range Selection : Auto / Manual Ranging
 Power Supply : 1.5V R6P or AA Batteries (x 2)
 Fuse : F33 (15A / 1000V) x 1, F34 (2A / 1000V) x 1
 CE Mark : CAT II 600V and EMC
 Dimensions : 180(H) x 86(W) x 35(D) mm
 Weight : 320g
 Accessories : 100-57 Test Leads (x 1 set)
 1.5V R6P Batteries (x 2)

OPTIONAL ACCESSORIES

- 660 AC / DC Clamp Adapter
- 821 AC Clamp Adapter
- 731 BNC Conversion Adapter
- 100-41 Test Lead Kit
- 100-62 Test Lead Set
- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin
- 995 Carrying Case

	Range	Resolution	Accuracy	Input Impedance
DC Voltage	400mV	100 μV	±0.5%rdg±2dgt	≥100MΩ
	4V	1mV	±0.8%rdg±1dgt	≈11MΩ
	40V	10mV		≈10MΩ
AC Voltage	400mV	100 μV	±2.0%rdg±7dgt	≥100MΩ
	4V	1mV	±1.5%rdg±5dgt	≈11MΩ
	40V	10mV		≈10MΩ
DC Current	40mA/ 400mA	100 μA	±1.2%rdg±2dgt	40mV(40mA) 400mV(400mA)
	4A/20A	10mA	0 to 10.00A ±2.0%rdg±2dgt 10.01 to 20A ±2.5%rdg±4dgt	130mV(4A) 350mV(10A)
	40mA/ 400mA	100 μA	±2.5%rdg±5dgt	40mV(40mA) 400mV(400mA)
AC Current	40mA/ 400mA	100 μA	±2.5%rdg±5dgt	40mV(40mA) 400mV(400mA)
	4A/20A	10mA	0 to 10.00A ±2.5%rdg±5dgt 10.01 to 20A ±3.0%rdg±10dgt	130mV(4A) 350mV(10A)
	Resistance	400Ω	100mΩ	±1.0%rdg±2dgt
Resistance	4kΩ	1Ω		≤0.2mA
	40kΩ	10Ω	±0.7%rdg±2dgt	≤40μA
	400kΩ	100Ω		≤4μA
Resistance	4MΩ	1kΩ	±1.0%rdg±2dgt	≤0.4μA
	40MΩ	10kΩ	±2.0%rdg±2dgt	≤40nA
	Open Circuit Voltage	Voltage : ≤0.4V		
Frequency	99.99Hz to 999.9kHz	0.01 Hz to 100Hz	±0.3%rdg±3dgt (999.9Hz / 9.999kHz Range)	
Continuity Test	400Ω (Buzzer Sound : Approx. 40Ω or less)			
Diode Test	2V 1mV			
Diode Test	Open Circuit Voltage : ≤3.3V			
Functions	MAX / MIN, Difference, Range Hold, Display Hold, Auto Power Save			



Clamp Meters
 Insulation Testers / Earth Tester
 Digital Multimeters
 Analog Multimeters
 Automotive Testers
 Other Testers
 Accessories

Upgraded Probe Tester with AC/DC-A and True RMS (SK-6598) !



SK-6597 / SK-6598 **TRUE RMS**



CE SK-6597

FEATURES

- Current measurement up to AC / DC 400mA.
- Penlight and backlight LCD (SK-6597).
- True RMS AC/DC conversion (SK-6598).
- Up to 30kHz Frequency in AC Voltage (SK-6598).

SPECIFICATIONS

Display : 4000 count LCD
 Sampling Rate : 3 times / sec.
 Range Selection : (SK-6597) Auto Ranging (SK-6598) Auto / Manual Ranging
 Power Supply : 1.5V LR44 Battery (x 2)
 Fuse : F22 (0.5A / 600V) x 1
 CE Mark : CAT III 600V and EMC
 Dimensions : 209(H) x 38(W) x 32(D) mm
 Weight : Approx. 110g (include battery)
 Accessories : 100-68 Test Lead (Black) (x 1)
 1.5V LR44 Batteries (x 2)
 780 Red Insulation Cap (x 1)
 781 Test Lead Insulation Cap (Black) (x 1)

- Easy-to-read large LCD.
- Clear buzzer sound.
- Easy-to-use large Test Lead.
- Replaceable Test Pin and Test Lead.

OPTIONAL ACCESSORIES

940 Alligator Clips 793 Coil-Type Contact Pin
 948 Alligator Clips 1026 Carrying Case
 792R Straight Test Pin (Red)

Advantages of SK-6597 / 6598

Penlight and backlight LCD (SK-6597)



True RMS AC/DC conversion (SK-6598)



CE SK-6598

	Range	Resolution	Accuracy	Input Impedance		
DC Voltage	400mV	0.1mV	±0.5%rdg±3dgt	≥100MΩ		
	4V	1mV		≈11MΩ		
	40V	10mV		±1.0%rdg±3dgt	≈10MΩ	
	400V	100mV				
	600V	1V				
AC Voltage	4V	1mV	50Hz to 500Hz	±11MΩ		
	40V	10mV	50Hz to 1kHz(SK-6598)		±1.5%rdg±7dgt	
	400V	100mV	1kHz to 5kHz(SK-6598)			±5.0%rdg±10dgt
	600V	1V	5kHz to 30kHz(SK-6598)			
	Frequency	1Hz to 100kHz	0.001 to 100Hz			±0.2%rdg±2dgt
Duty Cycle	0.0% to 99.9%	0.1%	±0.5%rdg±5dgt			
DC Current	40mA	10 μA	±1.0%rdg±2dgt	Burden Voltage		
	400mA	100 μA		<0.1V		
	40mA	10 μA		<0.6V		
	400mA	100 μA		<0.1V		
	400mA	100 μA		<0.6V		
AC Current	40mA	10 μA	±1.5%rdg±7dgt	Test Current		
	400mA	100 μA			≤0.2mA	
	40mA	10 μA			≤50 μA	
	400mA	100 μA			≤5 μA	
	400mA	100 μA			≤0.5 μA	
Resistance	400Ω	0.1Ω	±1.5%rdg±4dgt	≤50nA		
	4kΩ	1Ω		±1.0%rdg±3dgt		
	40kΩ	10Ω		±5.0%rdg±3dgt		
	400kΩ	100Ω		±7.0%rdg±3dgt		
	4MΩ	1kΩ				
Continuity Test	400Ω	10kΩ	±0.2%rdg±2dgt	Open Circuit Voltage : ≈0.44V		
	400Ω	10kΩ		400Ω (Buzzer Sound : Approx. 50Ω or less)		
	1V			±5.0%rdg±3dgt	≤0.7mA	
	Diode Test			Open Circuit Voltage : ≤1.7V		
	Capacitance	50 / 500nF / 5 / 50 / 100 μF			±5.0%rdg±10dgt	
Functions	MAX / MIN, Range Hold (SK-6598), Display Hold, Difference, Auto Power Off, Penlight and Backlight (SK-6597)					

Multi-Functional and Versatile Probe Tester



SK-6592

FEATURES

- Smart Design for Easy of Use.
- Fully line-upped function for useful measurements.
- MAX / MIN, and Difference Measurements are available.

SPECIFICATIONS

Display : 4000 count LCD
 Sampling Rate : 3 times / sec.
 Range Selection : Auto Ranging
 Power Supply : 3V CR2032 Battery (x 1)
 CE Mark : CAT III 600V and EMC
 Dimensions : 179(H) x 28(W) x 20(D) mm
 Weight : 60g
 Accessories : 100-52 Test Leads (x 1), 1006 Carrying Case (x 1)
 3V CR2032 Battery (x 1)

OPTIONAL ACCESSORIES

940 Alligator Clips 792R Red Straight Test Pin
 948 Alligator Clips 793 Coil-Type Contact Pin

	Range	Resolution	Accuracy	Input Impedance		
DC Voltage	400mV	100 μV	±0.5%rdg±3dgt	≥100MΩ		
	4.0V	1mV		≈11MΩ		
	40V	10mV		±1.0%rdg±3dgt	≈10MΩ	
	400V/600V	100mV/1V				
AC Voltage	4.0V	1mV	±1.5%rdg±5dgt	≈11MΩ		
	40V/400V	10mV/100mV				
	600V	1V			≈10MΩ	
Frequency	1Hz to 100kHz	0.001 to 100Hz	±0.2%rdg±2dgt			
Duty Cycle	0 to 99.9%	0.1%	±0.5%rdg±5dgt			
Resistance	400Ω	0.1Ω	±1.5%rdg±4dgt	Test Current		
	4.0kΩ	1Ω		≤0.2mA		
	40kΩ	10Ω		±1.0%rdg±3dgt	≤50 μA	
	400kΩ	100Ω		±5.0%rdg±3dgt	≤5 μA	
	4.0MΩ	1kΩ		±5.0%rdg±3dgt	≤0.5 μA	
Continuity Test	40MΩ	10kΩ	±7.0%rdg±3dgt	≤50nA		
	40MΩ	10kΩ		±7.0%rdg±3dgt		
	Open Circuit Voltage			≈0.44V		
	Diode Test			1V	±5.0%rdg±3dgt	≤0.7mA
	Capacitance	50 / 500nF / 5 / 50 / 100 μF			±5.0%rdg±10dgt	
Functions	MAX / MIN, Difference, Display Hold, Auto Power Off					



CE

Digital Multimeters (Bench-Top DMM)

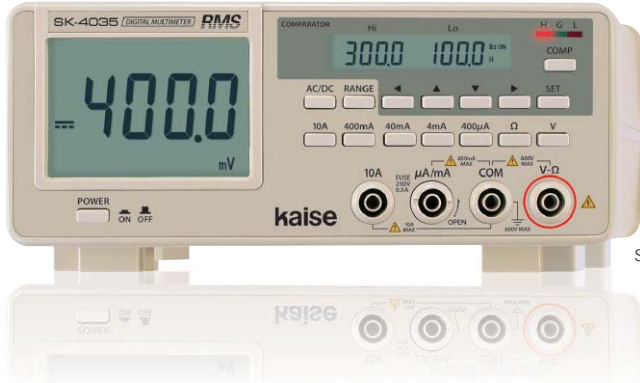
Bench-Type DMM with Output Terminals



SK-4033/SK-4035 TRUE RMS



Output Terminals



SK-4035

FEATURES

- Output terminals to connect and control the external inspection equipments.
- SK-4035 assures the accurate measurement by True RMS.
- Comparator function useful for the quality check in the production line.
- Easy-to-use simple layout keys Easy-to-read large display.

SPECIFICATIONS

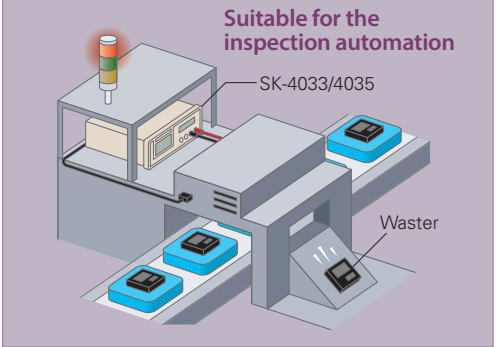
Display	: 4000 count LCD
Sampling Rate	: 10 times / sec
Range Selection	: Auto / Manual Ranging
Power Supply	: AC adapter
Fuse	: F29 (3A/600V) x 1, F30 (10A/600V) x 1 F31 (0.5A/250V) x 2
Dimensions	: 95(H) x 200(W) x 260(D) mm,
Weight	: 1,140g
Accessories	: 100-57 Test Leads (x 1 set), AC Adapter Spare Fuse F31 (0.5A/250V) x 1

OPTIONAL ACCESSORIES

660 AC/DC Clamp Adapter	100-62 Test Lead Set
821 AC Clamp Adapter	940 Alligator Clip
731 BNC Conversion Adapter	948 Alligator Clip
100-41 Test Lead Kit	793 Coil-Type Contact Pin

	Range	Resolution	Accuracy	Input Impedance	
DC Voltage	400mV	0.1mV	$\pm 0.3\% \text{rdg} \pm 2 \text{dgt}$	$> 100 \text{M}\Omega$	
	4V	1mV		$\approx 11 \text{M}\Omega$	
	40/400/600V	10mV/100mV/1V		$\approx 10 \text{M}\Omega$	
AC Voltage	400mV	0.1mV	$\pm 1.0\% \text{rdg} \pm 5 \text{dgt} (50 \text{Hz} \sim 500 \text{Hz})$	$> 100 \text{M}\Omega$	
	4V	1mV		$\approx 11 \text{M}\Omega$	
	40/400/600V	10mV/100mV/1V		$\approx 10 \text{M}\Omega$	
DC Current	400 μ A/4000 μ A	0.1 μ A/1 μ A	$\pm 0.75\% \text{rdg} \pm 2 \text{dgt}$	Voltage Drop <0.05V / <0.25V <0.1V <0.6V <0.5V <0.05V / <0.25V <0.1V <0.6V <0.5V	
	40mA	10 μ A			
	400mA	100 μ A			
	10A	10mA			
	400 μ A/4000 μ A	0.1 μ A/1 μ A	$\pm 1.5\% \text{rdg} \pm 2 \text{dgt}$		
40mA	10 μ A				
400mA	100 μ A				
10A	10mA				
AC Current	400 μ A/4000 μ A	0.1 μ A/1 μ A	$\pm 1.5\% \text{rdg} \pm 6 \text{dgt} (50 \text{Hz} \sim 500 \text{Hz})$	Voltage Drop <0.05V / <0.25V <0.1V <0.6V <0.5V	
	40mA	10 μ A			
	400mA	100 μ A			
	10A	10mA			
	400 μ A/4000 μ A	0.1 μ A/1 μ A	$\pm 1.5\% \text{rdg} \pm 2 \text{dgt}$		
40mA	10 μ A				
400mA	100 μ A				
10A	10mA				
Resistance	Range	Resolution	Accuracy	Open Circuit Voltage	Test Current
	400 Ω	0.1 Ω	$\pm 0.3\% \text{rdg} \pm 3 \text{dgt}$	2.4V	$\leq 1.1 \text{mA}$
	4k Ω	1 Ω			$\leq 110 \mu\text{A}$
	40k Ω	10 Ω	$\pm 0.3\% \text{rdg} \pm 2 \text{dgt}$	1.2V	$\leq 12.0 \mu\text{A}$
	400k Ω	100 Ω			$\leq 1.2 \mu\text{A}$
4M Ω	1k Ω	$\pm 1\% \text{rdg} \pm 2 \text{dgt}$	$\leq 0.12 \mu\text{A}$		
40M Ω	10k Ω	$\pm 3\% \text{rdg} \pm 4 \text{dgt}$	$\leq 0.12 \mu\text{A}$		
Functions	Comparator, Range Hold				

Output Terminals



Digital Multimeters (All-in-one DMM)

High-Precision DMM



SK-6555

FEATURES

- Multi-functional Card Type DMM comparable to Large Multi meter.
- Very Useful for Any Measurement Conditions.

SPECIFICATIONS

Display	: 4000 count LCD
Sampling Rate	: 3 times / sec
Range Selection	: Auto / Manual Ranging
Power Supply	: 3V CR2032 Battery (x 1)
CE Mark	: CAT III 300V and EMC
Dimensions	: 118(H) x 78(W) x 16(D) mm
Weight	: 110g
Accessories	: 3V CR2032 Battery (x 1)

OPTIONAL ACCESSORY

940 Alligator Clips	793 Coil-Type Contact Pin
948 Alligator Clips	



	Range	Resolution	Accuracy	Input Impedance
DC Voltage	400mV	100 μ V	$\pm 0.5\% \text{rdg} \pm 3 \text{dgt}$	$\geq 100 \text{M}\Omega$
	4.0V	1mV		$\approx 11 \text{M}\Omega$
	40V	10mV		$\approx 10 \text{M}\Omega$
AC Voltage	40V/600V	100mV/1V	$\pm 1.0\% \text{rdg} \pm 3 \text{dgt}$	$\approx 11 \text{M}\Omega$
	4.0V	1mV		$\approx 10 \text{M}\Omega$
	40V/400V	10mV/100mV/600V		1V
Frequency	1Hz to 100kHz	0.001 to 100Hz	$\pm 0.2\% \text{rdg} \pm 2 \text{dgt}$	
Duty Cycle	0 to 99.9%	0.1%	$\pm 0.5\% \text{rdg} \pm 5 \text{dgt}$	
Resistance	Range	Resolution	Accuracy	Test Current
	400 Ω	0.1 Ω	$\pm 1.5\% \text{rdg} \pm 4 \text{dgt}$	$\leq 0.2 \text{mA}$
	4.0k Ω	1 Ω		$\leq 50 \mu\text{A}$
	40k Ω	10 Ω	$\pm 1.0\% \text{rdg} \pm 3 \text{dgt}$	$\leq 5 \mu\text{A}$
	400k Ω	100 Ω		$\leq 0.5 \mu\text{A}$
4.0M Ω	1k Ω	$\pm 3.0\% \text{rdg} \pm 3 \text{dgt}$	$\leq 50 \text{nA}$	
40M Ω	10k Ω	$\pm 7.0\% \text{rdg} \pm 3 \text{dgt}$	$\leq 50 \text{nA}$	
Open Circuit Voltage	: $\approx 0.44 \text{V}$			
Continuity Test	400 Ω (Buzzer Sound : Approx. 60 Ω or less)			
Diode Test	1V	$\pm 5.0\% \text{rdg} \pm 3 \text{dgt}$		$\leq 0.7 \text{mA}$
Capacitance	Open Circuit Voltage : $\leq 1.7 \text{V}$ 50 / 500nF / 5 / 50 / 100 μ F ($\pm 5.0\% \text{rdg} \pm 10 \text{dgt}$)			
Functions	MAX / MIN, Difference, Range Hold, Display Hold, Auto Power Save			

Auto Measurement for DC / AC Voltage & Resistance



NEW KU-1199



FEATURES

- Auto-SCAN Measurement. No need for selecting DC/AC Voltages and Resistance ranges.
- Only 11 mm thick and 72g in Weight.
- Easy-to-read large LCD.
- Equipped with carrying case.
- Gold-plated Test Lead Pins.

SPECIFICATIONS

Display : 4000 count LCD
 Sampling Rate : 3 times / sec
 Range Selection : Auto Ranging
 Power Supply : 1.5V LR44 Batteries (x 2)
 CE Mark : CAT II 500V and EMC
 Dimensions : 112(H) x 56(W) x 11(D) mm
 Weight : Approx. 72g
 Accessories : 1.5V LR44 Batteries (Installed) (x 2)
 1005 Carrying Case

OPTIONAL ACCESSORY

- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin

	Range	Resolution	Accuracy	Input Impedance
DC Voltage	400mV	100 V	±0.5 ,rdg ±3dgt	≥5M
	4V	1mV		
	40V	10mV		
	400V	100mV		
	500V	1V		
AC Voltage	400mV	100 V	±0.8 ,rdg ±3dgt (100mV~)	≥5M
	4V	1mV		
	40V	10mV		
	400V	100mV		
	500V	1V		
Resistance	Range	Resolution	Accuracy	
	400Ω	0.1	±1.0 ,rdg ±5dgt	
	4kΩ	1		
	40kΩ	10		
	400kΩ	100		
	4MΩ	1k		
	40MΩ	10k		
Open Circuit Voltage : ≤0.25V				
Continuity Test	400Ω (Buzzer Sound : 12Ω to 70Ω)			
Diode Test	2V		±5.0 ,rdg ±3dgt	1 ±0.6mA
	Open Circuit Voltage : ≈2.9V			
Functions	Auto Power Off			

Auto-SCAN Measurement

1. Turn on the instrument with Rotary Switch. SCAN is displayed.
2. Connect Black Test Prod to the (earth) side of the circuit to be measured and Red Test Prod to the (positive) side.
3. The instrument automatically detects the items to be measured (DCV, ACV or) and start the measurement. Read the test result on LCD.

DC Voltage

Example : Battery



AC Voltage

Example : Wall outlet



Resistance

Example : 5Ω resistor



Simple & Easy



SK-6500

FEATURES

- Compact & Light Weight.
- Wide Measurement Ranges.
- Gold-plated Test Lead Pins.
- Large Rotary Switch.
- Useful Functions.

OPTIONAL ACCESSORY

- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin

SPECIFICATIONS

Display : 2000 count LCD
 Sampling Rate : 3 times / sec
 Range Selection : Auto Ranging
 Power Supply : 3V CR2032 Battery (x 1)
 CE Mark : CAT II 600V, CAT III 300V and EMC
 Dimensions : 109(H) x 55(W) x 9(D) mm
 Weight : Approx. 60g
 Accessories : 3V CR2032 Battery (x 1)
 Notebook type Carrying Case



Advantages of SK-6500

Ultraslim Card-type DMM

Obviously slim and light weight. Only 9mm thick and 60g weight.






Notebook type Carrying Case

Pocketable tester for easy to carry around.



	Range	Resolution	Accuracy	Input Impedance
DC Voltage	200mV	100 V	±1.3 ,rdg ±5dgt	100M
	2V	1mV		
	20V	10mV		
	200V	100mV		
	600V	1V		
AC Voltage	2V	1mV	±2.0 ,rdg ±3dgt	≥2M
	20V	10 V		
	200V	100 V		
	600V	1V		
	600V	1V		
Resistance	Range	Resolution	Accuracy	Test Current
	200	0.1	±2.0 ,rdg ±4dgt	±1mA
	2k	1		±0.3mA
	20k	10		±40 A
	200k	100		±4 A
	2M	1k		±0.4 A
	20M	10k		±5.0 ,rdg ±4dgt
Open Circuit Voltage : 0.45V				
Continuity Test	200Ω (Buzzer Sound : Approx. 50Ω or less)			
Diode Test	2V		±5.0 ,rdg ±4dgt	≤0.7mA
	Open Circuit Voltage : ≈1.7V			
Functions	Display Hold, Auto Power Off			

Analog Multitesters Index

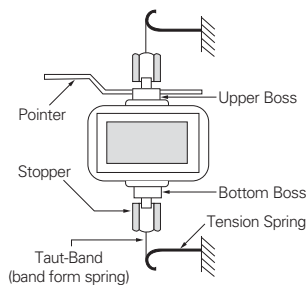
			
Model	SK-355	KF-32	KF-20
DC Voltage	(Internal resistance : 20kΩ /V)	(Internal resistance : 20kΩ /V)	(Internal resistance : 20kΩ /V)
	0.3V	0.3V	0.3V
	3V	3V	3V
	12V	12V	12V
	30V	30V	30V
	120V	120V	120V
	300V	300V	300V
AC Voltage	(Internal resistance : 10kΩ/V)	(Internal resistance : 10kΩ/V)	(Internal resistance : 10kΩ/V)
	12V	12V	12V
	60V	30V	30V
	300V	120V	120V
	1200V	300V	300V
DC Current	60 μA	60 μA	60 μA
	3mA	3mA	3mA
	30mA	30mA	30mA
	600mA	600mA	300mA
	12A	12A *1	—
AC Current	12A	—	—
Resistance	2kΩ	5kΩ	5kΩ
	200kΩ	500kΩ	500kΩ
	2MΩ	5MΩ	5MΩ
	20MΩ	—	—
Decibels	●	—	—
Continuity Test	●	●	—
Battery Test	—	—	●
Overload Protection	●	●	●

*1: Continuous measurement in 12A DC range is restricted up to 1 minute. More than 1 minute interval is necessary for the next measurement.

Note for Temperature scale : Optional thermister temperature probe 810-02 has been discontinued, and the temperature scale is not available for use.

Shock Resistant Taut-band Meter is used for SK-355.

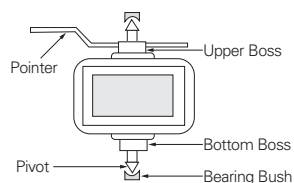
Taut-band Meter



Taut-Band method, suitable for highly sensitive meter, has strong shock resistant and frictionless structure that can keep the meter accuracy always stable.

In this method, moving coil is supported by upper and bottom taut-bands applying high tension from both side. To maintain drop-proof structure, taut-bands are protected by two stoppers from strong mechanical shock.

Pivot Meter



Pivot method is popular and simple meter structure. As shown in the illustration, pointed pivot is simply supported by bearing bush. However, it is weak against mechanical shock. Pointed pivot abrades away by the shock or vibration during use, and causes inaccurate meter indication.

Analog Multitesters (Drop-Proof Tester)

Drop-proof Meter of Taut-Band AC / DC 12A Ranges



SK-355



SPECIFICATIONS

Power Supply : 1.5V R6P or AA Battery (x 1)
 9V 6F22 or NEDA 1604 Battery (x 1)
 Fuse : F15 (0.75A/250V) x 1
 Dimensions : 140(H) x 92(W) x 30(D) mm
 Weight : 280g
 Accessories : 100-57 Test Leads (x 1 set)
 1.5V R6P Battery (x 1)
 9V 6F22 Battery (x 1)
 Spare Fuse F15 (0.75A/250V) x 1

OPTIONAL ACCESSORIES

100-41 Test Lead Kit 948 Alligator Clips
 100-62 Test Lead Set 793 Coil-Type Contact Pin
 940 Alligator Clips

	Range	Internal Resistance	Tolerance
DC Voltage	0.3 / 3 / 12 / 30 / 120 / 300 / 1200V	20kΩ/V	±3% f.s.
AC Voltage	12 / 60 / 300 / 1200V	10kΩ/V	±4% f.s.
DC Current	60 μ / 3m / 30m / 600m / 12A		±3% f.s.
AC Current	12A (for 1 minute)		±4% f.s.
Resistance	2k / 200k / 2M / 20MΩ		±3% f.s. length
Decibels	-10 to +23 / 37 / 51 / 63dB		
Continuity Tests	Buzzer sounds less than approx. 100Ω		

Analog Multitesters

DC 12A measurement



KF-32



FEATURES

- DC 12A measurement.

SPECIFICATIONS

Power Supply : 1.5V R6P or AA Battery (x 1)
 Fuse : F15 (0.75A/250V) x 1
 Dimensions : 136(H) x 90(W) x 30(D) mm
 Weight : 215g
 Accessories : 100-64 Test Leads (x 1 set)
 1020 Carrying Case, 1.5V R6P Battery (x 1)
 Spare Fuse F15 (0.75A/250V) x 1 (built-in)

	Range	Internal Resistance	Tolerance
DC Voltage	0.3 / 3 / 12 / 30 / 120 / 300 / 1200V	20kΩ/V	±3% f.s.
AC Voltage	12 / 30 / 120 / 300 / 1200V	10kΩ/V	±4% f.s.
DC Current	60 μ / 3m / 30m / 600m / 12A		±3% f.s.
Resistance	5k / 500k / 5MΩ (×1 / ×100 / ×1k)		±3% f.s. length
Continuity Tests	Buzzer sounds less than approx. 30Ω		

*Continuous measurement in 12A DC range is restricted up to 1 minute. More than 1 minute interval is necessary for the next measurement.

OPTIONAL ACCESSORIES

100-41 Test Lead Kit 948 Alligator Clips
 100-62 Test Lead Set 793 Coil-Type Contact Pin
 940 Alligator Clips

Advantages of KF-32

DC12A Ranges

Big current can be measured in DC 12A range.

Easy-to-read large character



Test Leads with gold plated pins



Scale plate with mirror

The mirror to help the correct reading avoiding the reading error.

Tough-designed Holster with Test Lead Holder



KF-20



SPECIFICATIONS

Power Supply : 1.5V R6P or AA Battery (x 1)
 Fuse : F12 (0.3A/250V) x 1
 Dimensions : 136(H) x 90(W) x 30(D) mm
 Weight : 215g
 Accessories : Holster
 100-51 Test Leads (x 1 set)
 1.5V R6P Battery (built-in & spare) x 1 each
 Spare Fuse F12 (0.3A/250V) x 1

OPTIONAL ACCESSORIES

100-41 Test Lead Kit 948 Alligator Clips
 100-62 Test Lead Set 793 Coil-Type Contact Pin
 940 Alligator Clips

	Range	Internal Resistance	Tolerance
DC Voltage	0.3 / 3 / 12 / 30 / 120 / 300 / 1200V	20kΩ/V	±3% f.s.
AC Voltage	12 / 30 / 120 / 300 / 1200V	10kΩ/V	±4% f.s.
DC Current	60 μ / 3m / 30m / 300mA		±3% f.s.
Resistance	5k / 500k / 5MΩ		±3% f.s. length
Battery Test	1.5V (R20P / R14P / R6P) 1.5V 250mA (Hi Range) 1.5V 50mA (Low Range)		