

kaise

GENERAL CATALOG



ELECTRICAL ELECTRONIC TESTER

DIGITAL MULTIMETERS

TYPE	CARD			PEN	BENCH TOP	HANDY					
Model Function & Measurements	6500	6555	1166	6592	4030	6150	6160	6165	6166	6167	6180
Display Counts	2000	4000	3400	4000	4000	4000	2000	2000	2000	2000	4000
Bargraph			•		•	•					•
DC Voltage	•	•	•	•	•	•	•	•	•	•	•
AC Voltage	•	•	•	•	•	•	•	•	•	•	•
DC Current					•	•	•	•	•	•	•
AC Current					•	•	•	•	•	•	•
Frequency		•		•	•	•					•
Duty Cycle		•		•							•
Pulse Width											•
Resistance	•	•	•	•	•	•	•	•	•	•	•
Continuity buzzer	•	•	•	•	•	•	•	•	•	•	•
Diode Tests	•	•	•	•		•	•	•	•		•
Capacitance		•		•							
Temperature										•	•
Dwell Angle										•	•
Revolutions per Minute		Auto/Manual Ranging							•	•	•
Range Selection	Auto	A/M	A/M	Auto	A/M	A/M	A/M	A/M	A/M	A/M	A/M
True RMS					•						•
MAX / MIN		•		•	•	•					•
Average											•
Peak Hold											•
Difference		•		•	•	•					•
Comparator					•						
Display Hold	•	•	•	•	•	•		•	•	•	•
Data Logger											
Auto Power Save (Off)	•	•	•	•		•			•	•	•
Data Output											
Stopwatch											•
Current by Clamp Adapter					•	•			•	•	•
Dust Proof & Water Resistant						•					•

SK-6555



Actual-size

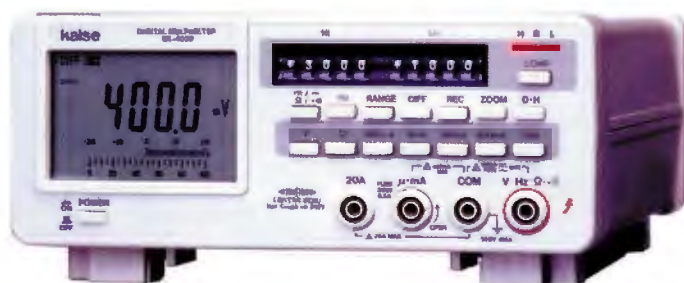


KW-1166

SK-4030

SK-4030-01

(with Photo MOS Relay Output)



PROBE TESTER

Smart Designed Probe Tester with High-Precision



HANDY-TYPE DMM

SK-6150



4000 Count DMM with Bar Graph

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

SPECIFICATIONS

Display	: (Numerical) 4000 count LCD, Maximum Reading 9999 (Bar) 40 segments (1 segment / 100 digits)
Sampling Rate	: (Numerical) 2 times/sec (Bar Graph) 20 times/sec
Range Selection	: Auto / Manual Ranging
Power Supply	: 1.5V R6P or AA Batteries (x 2)
Fuse	: 1A / 600V and 15A / 600V Fuses (x 1 each)
Dimensions	: 180(H) × 86(W) × 35(D) mm
Weight	: 320g
Accessories	: 100-57 Test Leads (x 1 set) 1.5V R6P Batteries (x 2)



SK-6160



SK-6165



SK-6166 CE



Motorcycle Multimeter

- RPM, 20mA and 20A DC/AC, and Continuity Tests.
- 200A DC / AC measurements by optional 660 Clamp Adapter.

SPECIFICATIONS

Display : 2000 count LCD , Maximum Reading 1999
 Sampling Rate : 2 times/sec
 Range Selection : Auto / Manual Ranging
 Power Supply : 1.5V R6P or AA Batteries (x 2)
 Fuse : 0.3A / 250V and 15A / 250V Fuses (x 1 each)
 CE Mark : CAT II 300V and EMC
 Dimensions : 160(H) × 75(W) × 34(D) mm
 Weight : 180g
 Accessories : 100-57 Test Leads (x 1 set), 650 RPM Sensor (x 1)
 940 Alligator Clips (x 1 set), 995 Carrying Case (x 1)
 1.5V R6P Batteries (x 2)
 Spare Fuses (0.3A/250V & 15A/250V, x 1 each)

SK-6166			
	Range	Accuracy	Input Impedance
DC Voltage	200mV	$\pm 1.2\%rdg \pm 2dgt$	$\geq 100M\Omega$
	2/20V		$\approx 11M\Omega$
	200/300V		$\approx 10M\Omega$
AC Voltage	2/20V	$\pm 2.3\%rdg \pm 7dgt$	$\approx 11M\Omega$
	200/300V		$\approx 10M\Omega$
DC Current	Range	Accuracy	Voltage Drop
	20mA	$\pm 1.0\%rdg \pm 4dgt$	$\leq 0.5V$
	20A	$0 \sim 10.00A : \pm 1.5\%rdg \pm 2dgt$ $10.01 \sim 20A : \pm 2.5\%rdg \pm 4dgt$	$< 0.5V$
AC Current	20mA	$\pm 2.0\%rdg \pm 8dgt$	$< 0.5V$
	20A	$0 \sim 10.00A : \pm 2.0\%rdg \pm 7dgt$ $10.01 \sim 20A : \pm 3.0\%rdg \pm 10dgt$	
Resistance	Range	Accuracy	Test Current
	200Ω	$\pm 1.5\%rdg \pm 4dgt$	$\leq 0.4mA$
	2kΩ		$\leq 0.2mA$
	20kΩ		$\leq 30\mu A$
	200kΩ	$\pm 1.8\%rdg \pm 4dgt$ $\pm 5.0\%rdg \pm 4dgt$	$\leq 3\mu A$
	2MΩ		$\leq 0.3\mu A$
	20MΩ		$\leq 0.03\mu A$
Open Circuit Voltage : approx. $\leq 0.43V$			
Other Measurements	RPM, Continuity Tests, Diode Tests, Current by Clamp Adapter, Range Hold, Display Hold, Auto Power Save		

OPTIONAL ACCESSORIES

- 660 AC/DC Clamp Adapter

SK-6167



Automotive Multimeter

- RPM, Dwell Angle, Temperature, 30A DC/AC and 200A DC/AC by optional 660 Clamp Adapter.
- Exclusive Function for optional Clamp Adapter.

SPECIFICATIONS

Display : 2000 count LCD , Maximum Reading 1999
 Sampling Rate : 2 times/sec
 Range Selection : Auto / Manual Ranging
 Power Supply : 1.5V R6P or AA Batteries (x 2)
 Fuse : 25A / 250V Fuse (x 1)
 Dimensions : 160(H) × 75(W) × 34(D) mm
 Weight : 180g
 Accessories : 100-57 Test Leads (x 1 set)
 818-02 Temperature Probe (x 1)
 940 Alligator Clips (x 1 set), 991 Carrying Case (x 1)
 1.5V R6P Batteries (x 2), Spare Fuse (x 1)

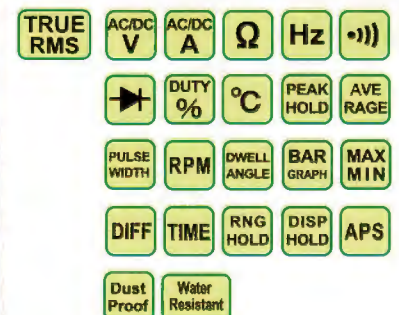
SK-6167			
	Range	Accuracy	Input Impedance
DC Voltage	2V 20/200/300V	$\pm 1.2\%rdg \pm 2dgt$	$\approx 11M\Omega$ $\approx 10M\Omega$
AC Voltage	2V 20/200/300V	$\pm 2.3\%rdg \pm 8dgt$	$\approx 11M\Omega$ $\approx 10M\Omega$
DC Current	Range	Accuracy	Voltage Drop
	30A	0~10.00A : $\pm 1.5\%rdg \pm 4dgt$ 10.01~30A : $\pm 2.5\%rdg \pm 4dgt$	$\leq 0.5V$
AC Current	30A	0~10.00A : $\pm 1.5\%rdg \pm 4dgt$ 10.01~30A : $\pm 2.5\%rdg \pm 7dgt$	$\leq 0.5V$
Resistance	Range	Accuracy	Test Current
	200Ω	$\pm 1.5\%rdg \pm 4dgt$	$\leq 0.4mA$
	2kΩ		$\leq 0.2mA$
	20kΩ		$\leq 30\mu A$
	200kΩ	$\pm 1.8\%rdg \pm 4dgt$ $\pm 5.0\%rdg \pm 4dgt$	$\leq 3\mu A$
	2MΩ		$\leq 0.3\mu A$
	20MΩ		$\leq 0.03\mu A$
Open Circuit Voltage : approx. $\leq 0.43V$			
Other Measurements and Functions	RPM, Dwell Angle, Continuity Tests, Temperature, Current by Clamp Adapter, Range Hold, Display Hold, Auto Power Save		

OPTIONAL ACCESSORIES

- 660 AC/DC Clamp Adapter



SK-6180 CE



ANALOG MULTIMETERS

TYPE	Drop Proof Tester					Bench Tester				High Voltage
Model Function & Measurement	SK-300	SK-310	SK-350	SK-352	SK-355	SK-510	SK-520	SK-550	SK-1100	SK-9000
DC Voltage	●	●	●	●	●	●	●	●	●	●
AC Voltage	●	●	●	●	●	●	●	●	●	
DC Current	●	●	●	●	●	●	●	●	●	
AC Current					●	●	●	●	●	
Resistance	●	●	●	●	●	●	●	●	●	
Decibels		●	●	●	●	●	●	●	●	
Continuity Buzzer		●	●	●	●				●	
Frequency									●	
Temperature	●			●	●					
hFE		●	●			●				
Capacitance							●			
Battery Test	●									
Overload Protection	●	●	●	●	●	●	●	●	●	●

Analog Multimeters

Optional Accessories

Option Model	Clamp Adapter				Temperature Probe	hFE	High Voltage Probe		Alligator Clips	Carrying Case	
	660	870	875	876	810-02	840	860	863	940	967	976
SK-300	●			●	●				●		●
SK-310	●			●					●		●
SK-350	●			●					●		●
SK-352	●			●	●				●		●
SK-355	●			●	●				●		●
SK-510/520/550			●					●		●	
SK-1100	●	●				●	●		●	●	

DROP-PROOF TESTERS



SK-310

SK-300/310



Taut-Band Drop-proof Meter

SPECIFICATIONS

Power Supply : 1.5V R6P or AA Battery (x 1, for SK-300)
1.5V R6P Batteries (x 2, for SK-310)
Fuse : 0.3A / 250V Fuse (x 1)
Dimensions : 136(H) × 90(W) × 30(D) mm
Weight : 230g (SK-300) / 260g (SK-310)
Accessories : 100-03 Test Leads (x 1 set)
1.5V R6P Battery (x 1, for SK-300)
(x 2, for SK-310)
Spare Fuse 0.3A / 250V (x 1)

OPTIONAL ACCESSORIES : Refer to page 11

SK-350/355



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 : 0.75A / 250V Fuse (x 1)
Dimensions : 140(H) × 92(W) × 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 0.75A / 250V (x 1)

OPTIONAL ACCESSORIES : Refer to Page 11

SK-352



Taut-Band Drop-proof Meter with DC 12A and Temperature Range

SPECIFICATIONS

Power Supply : 1.5V R6P or AA Battery (x 1)
9V 6F22 or NEDA 1604 Battery (x 1)
Fuse : 0.75A / 250V Fuse (x 1)
Dimensions : 140(H) × 92(W) × 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 0.75A / 250V (x 1)

OPTIONAL ACCESSORIES : Refer to Page 11

BENCH TESTERS

SK-510



Transistor Test Function

- The Combination Unit of a Multitester and regular Transistor Checker.
- Accurate hFE measurements are made by IB Adjustor under operating conditions.

SPECIFICATIONS

Power Supply : 1.5V R14P or C Batteries (x 2)
Dimensions : 183(H) × 141(W) × 68(D) mm
Weight : 1,000g
Accessories : 100-03 Test Leads (x 1 set)
100-24 TR Test Leads (x 1 set)
940 Alligator Clips (x 1 set)
1.5V R14P Batteries (x 2)
Spare Fuses (0.5A / 250V & 1A / 250V, x 1 each)

OPTIONAL ACCESSORIES : Refer to Page 11



SK-510

SK-520



Capacitance Test Function

- The Combination Unit of a multitester and a regular Capacitance Tester.
- Accurate capacitance of 2pF to 0.1 μF is measured on Linear Scale on 4 ranges.

SPECIFICATIONS

Power Supply : 1.5V R14P or C Batteries (x 2)
9V 6F22 Battery (x 1)
Dimensions : 183(H) × 141(W) × 68(D) mm
Weight : 1,050g
Accessories : 100-03 Test Leads (x 1 set)
100-25 Capacitance Test Leads (x 1 set)
940 Alligator Clips (x 1 set)
1.5V R14P Batteries (x 2)
9V 6F22 Battery (x 1)
Spare Fuses (0.5A / 250V & 1A / 250V, x 1 each)

OPTIONAL ACCESSORIES : Refer to Page 11



SK-520

SK-550



Automatic Reset Overload Protective Relay

- Provides a new Automatic Reset Overload Protective Relay.
- Overload Warning Buzzer / LED for safety measurements and easy operation.

SPECIFICATIONS

Power Supply : 1.5V R14P or C Batteries (x 2)
9V 6F22 or NEDA 1604 Battery (x 1)
Dimensions : 183(H) × 141(W) × 68(D) mm
Weight : 1,070g
Accessories : 100-03 Test Leads (x 1 set)
940 Alligator Clips (x 1 set)
1.5V R14P Batteries (x 2)
9V 6F22 Battery (x 1)
Spare Fuses (1A / 250V & 3A / 250V, x 1 each)

OPTIONAL ACCESSORIES : Refer to Page 11



SK-550

ELECTRONIC MULTITESTER

SK-1100



High Sensitivity Electronic Tester

- Accurate Resistance by Linear Scale System.
- Frequency (up to 25kHz).
- Continuity Test Buzzer.
- Center Zero Scale.

SPECIFICATIONS

Power Supply : 1.5V R14P or C Battery (x 1)
9V 6F22 or NEDA 1604 Battery (x 1)
Dimensions : 183(H) × 141(W) × 68(D) mm
Weight : 1,000g
Accessories : 100-03 Test Leads (x 1 set)
1.5V R14P Battery (x 1)
9V 6F22 Battery (x 1)
Spare Fuse 0.75A / 250V (x 1)



CRT HIGH VOLTAGE TEST PROBE

SK-9000



Observe Output Wave Form of CRT High Voltage by Oscilloscope

SPECIFICATIONS

Dimensions : 375(H) × 48(W) × 45(D) mm
Weight : 270g
Accessory : 100-12 Test Lead Hook (x 1)



CLAMP METERS

TYPE	AC Current									AC/DC CURRENT						LEAK	
	ANALOG		DIGITAL														
Model Function & Measurements	7010 7030	7100 7200	7615	7625	7600	7612	7622	7626	7640	7682	7706	7708	7718	7720	7722	7810	7815
Display Counts			2000	2000	4000	4300	4300	4300	4000	4000	4000	4000	4000	4000	4000	3200	3200
Conductor Diameter (mm)	36	34 60	26	42	27	24	37	37	55	19	55	55	35	36	36	30	30
AC Current	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DC Current										•	•	•	•	•	•		
AC Voltage	•	•	•	•		•	•	•	•	•	•	•	•	•	•		•
DC Voltage			•	•					•	•	•	•	•	•	•		
Frequency									•	•	•	•	•	•	•		
Duty Cycle									•	•	•	•	•	•	•		
Pulse Width											•			•	•		
Resistance	•	•	•	•		•	•	•	•		•	•	•	•	•		
Continuity buzzer			•	•		•	•	•	•		•	•	•				
Diode Test			•	•					•		•	•	•				
Capacitance									•			•	•				
Temperature	•										•			•	•		
Range Selection			Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto/M	Auto/M	Auto	Auto	Auto	M (Manual)	Auto
True RMS								•	•	•	•	•	•	•	•		
MAX / MIN						•	•	•	•	•	•	•	•	•	•	•	•
Average											•						
Peak Hold							•			•	•	•	•	•	•		
Difference									•	•	•	•	•	•	•		
Comparator																•	•
Display Hold	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Auto Power Save (Off)			•	•	•	•	•	•	•	•	•	•	•			•	•
Phase Test	10 x	30 x															
Output Terminal											•				•	•	
Filter Selection																•	•
External Power Supply											•			•	•		
Dust Proof & Water Resistant						•	•	•	•		•	•	•	•	•		

SK-7010 / 7030



SK-7030

SK-7100 / 7200



SK-7200

SK-7615



SK-7625



SK-7622 / 7626



SK-7622

SK-7626

SK-7612



SK-7640



SK-7682



SK-7706



SK-7810 / 7815



SK-7810

SK-7720 / 7722



SK-7720

SK-7708



SK-7718



INSULATION TESTERS



Double Rated
SK-3010



Triple Rated
SK-3310



Double Rated
SK-3002



Triple Rated
SK-3020

EARTH TESTER



SK-3710 **CE**
Automatic Earth Tester

DIGITAL THERMOMETERS



SK-6800

SK-6800 / 6820

- °C and °F MEASURING
°C and °F are selected by Function Switch.
- DATA HOLD Function.

SK-6810 / 6825

DC POWER SUPPLIES



SK-8095

SK-8092 0~25V / 5.0A
SK-8095 0~25V / 3.0A
SK-8100 0~36V / 3.0A

Compact and High-Precision
DC Power Supplies



SK-8092

SK-8100

SINGLE FUNCTION METERS

☆ Usable for School teaching materials or Factory Line



SK-5000
AC Milliammeter



SK-5000B
AC Voltmeter



SK-5000A
AC Ammeter



SK-5000C
DC Microammeter