MULTIMETERS



MODEL 1009

DC AC V | DC AC A | Ω | •))) | ⊣⊢ | ⊣⊢
Hz | DUTY | DATA HOLD | REL | AUTO POWER OFF

- Display : 4000 counts.
- Auto range and manual range selector provided. (with range hold feature)
- Resistance range provides audible continuity test.
- Automatically turns power off in about 30 minutes to conserve battery life.
- Direct current measurement up to 10A AC and DC.



KEW 1011/1012

1012 TRUE RMS | DC AC V | DC AC A | Ω | 1011 •))) | 1011 ⊣⊢ | ⊣⊢
Hz | DUTY | 1011 °C | 1011 DATA HOLD | MAX/MIN
REL | AUTO POWER OFF

- 6040 counts with Bar Graph display
- MIN/MAX function enables to record min & max value
- REL(relative value) function
- Temperature measurement, selectable for °C and °F (KEW 1011)
- True RMS can measure and indicate distorted waveforms (KEW 1012)
- DUTY function

photo : 1012

	1009	1011	1012
DC V	400mV/4/40/400/600V ±0.6%rdg±4dgt*	600.0mV/6.000/60.00/600.0/600V ±0.5%±2dgt*	
AC V	400mV/4/40/400/600V ±1.3%rdg±4dgt*	6.000/60.00/600.0/600V ±1.0%±3dgt*	6.000/60.00/600.0/600V ±1.2%±3dgt*
DC A	400/4000A/40/400mA/4/10A ±1.0%rdg±4dgt*	600/6000A/60/600mA/6/10A ±1.2%±3dgt*	
AC A	400/4000A/40/400mA/4/10A ±2.0%rdg±4dgt*	600/6000A/60/600mA/6/10A ±1.5%±4dgt*	
	400/4/40/400k/4/40M ±1.0%rdg±4dgt	600/6/60/600k/6/60M ±1.0%±2dgt*	
Continuity buzzer	400(Buzzer sounds below 100)	0 - 600(Buzzer sounds below 100)	
Diode test	1.5V Release Voltage : Approx. 0.4mA test current	2.8V release voltage : Approx. 0.4mA test current	
Capacitance test	40/400nF/4/40/100F	40/400nF/4/40/400/4000F	
Frequency	5.12/51.2/512Hz/5.12/51.2/512kHz/5.12/10MHz	10/100/1000Hz/10/100/1000kHz/10MHz	
DUTY	0.1 - 99.9%(Pulse width/Pulse period) ±2.5%±5dgt	0.1 - 99.9%(Pulse width/Pulse period) ±2.0%±2dgt(- 10kHz)	
Temperature	—	-50 - 300°C(-58 - 572°F)(with the use of Temperature probe 8216)	—
Applicable Standards	IEC 61010-1 CAT Ⅲ 300V, IEC 61326-1	IEC 61010-1 CAT Ⅲ 300V, CAT Ⅱ 600V, IEC 61326	
Power source	R6(AA)(1.5V) × 2 (Auto power off : approx. 30 minutes)	R6(AA)(1.5V) × 2 (Auto power off : approx. 15 minutes)	
Dimensions	161(L) × 82(W) × 50(D)mm	161(L) × 82(W) × 50(D)mm	
Weight	280g approx.	280g approx.	
Accessories	7066A(Test leads), 8919(Ceramic fuse[10A/600V]) × 1 (included), 8923(Ceramic fuse [0.5A/600V]) × 1 (included), R6(AA) × 2, Instruction manual	7066A(Test leads), 8216(K-type temperature probe)(1011 Only), 8918(Ceramic fuse[0.8A/600V]) × 1 (included), 8919(Ceramic fuse[10A/600V]) × 1 (included), R6(AA) × 2, Instruction manual	
Optional	7234(Alligator clip), 9095(Carrying case)		

*Basic accuracy : For the detailed accuracy, please see our product catalogue on our website.



KEW 1109S

DC AC V | DC A | Ω | dB

- Mirrored scale for easy and accurate reading.
- Output terminal to cut off DC component when measuring AC voltage.
- Safety designed input terminals and test leads.

	1109S
DC V	0.1/0.5/2.5/10/50/250/1000V(20kΩ/V) ±3% of FS
AC V	10/50/250/1000V(9kΩ/V) ±3% of FS
DC A	50μA/2.5/25/250mA ±3% of FS
Ω	2/20kΩ/2/20MΩ ±3% of scale length
Decibel	-10 - +62dB
hFE	0 - 1000(Ω × 10) ±3% of scale length
Power source	R6(AA)(1.5V) × 2, 6F22(9V) × 1
Dimensions	150(L) × 100(W) × 47(D)mm
Weight	330g approx.
Accessories	7066A(Test leads), 8901(Fuse[0.5A/250V]) × 1 (included), 1 (spares) R6(AA) × 2, 6F22 × 1, Instruction manual
Optional	9168(Carrying case)



MODEL 1110

DC AC V | DC A | Ω | •))) | °C

- High sensitivity DC20kΩ/V.
- 1m drop-proof heavy duty design.
- Can measure line voltage up to AC 600V. (Voltage to ground MAX AC 300V) (Protected by 600V ceramic fuse against accidental overload)
- Continuity buzzer, battery check, LED check function.
- Skeleton type robust and clear case with carrying handle furnished as standard accessory.

	1110
DC V	0.3V(16.7kΩ/V) ±3% of FS 3/12/30/120/300/600V(20kΩ/V) ±3% of FS
AC V	12V(9kΩ/V) ±4% of FS 30/120/300/600V(9kΩ/V) ±3% of FS
DC A	60μA/30/300mA ±3% of FS
Ω	3/30/300kΩ ±3% of scale length
Continuity buzzer	Buzzer sounds below 100Ω
Battery Test	1.5V(0.7 - 2V) ±3% of FS (10Ω load)
Temperature	Note: The MODEL1110 includes a temperature measurement scale, but it is not available for new customers due to the discontinue of the Temperature Probe 7060.
LED	10mA approx. at 0Ω (at 3V of battery voltage)
Applicable Standards	IEC 61010-1 CAT Ⅲ 300V /CAT Ⅱ 600V, IEC 61326-1
Power source	R6(AA)(1.5V) × 2
Dimensions	140(L) × 94(W) × 39(D)mm
Weight	280g approx.
Accessories	7066A(Test leads), 8923(Fuse[500mA/600V]) × 1 (included), 1 (spares) R6(AA) × 2, 9103(Carrying case), Instruction manual